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1912/13

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PACIFIC UNIVERSITY
FOREST GROVE, OREGON

VOLUME IX MARCH 15, 1913 NUMBER 2

REGISTER

MARCH, 1913

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REGISTER

OF

TUALATIN ACADEMY

AND

PLEASE EXCHANGE

Pacific University

Forest Grove

Oregon

FOREST GROVE, OREGON

REGISTER

OF

TUALATIN ACADEMY

AND

PACIFIC UNIVERSITY

1912—1913

WITH ANNOUNCEMENTS FOR

1913—1914

FOREST GROVE, OREGON

CALENDAR 1913

SEPTEMBER

S	M	T	W	T	F	S
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7	8	9	10	11	12	13
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OCTOBER

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1914

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JUNE

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COLLEGE CALENDAR FOR 1913-1914

1913

Sept. 17 Wednesday..First Semester begins 10 A. M.
Sept. 19 Friday.....College Reception, 8-10:30 P. M.
Oct. 15 Wednesday..Rally Day.
Nov. 26 Wednesday..Thanksgiving Recess begins 4 P. M.
Dec. 1 Monday.....Work resumed after Thanksgiving Recess 8:05 A. M.
Dec. 19 Friday.....Christmas Recess begins 4 P. M.

1914

Jan. 6 Tuesday.....Work resumed after Christmas Recess 8.05 A. M.
Jan. 14 Wednesday..Charter Day Exercises 8 P. M.
Jan. 30 Friday.....First Semester Ends.
Feb. 2 Monday.....Second Semester begins 10 A. M.
Feb. 6 Friday.....College Reception 8-10:30 P. M.
Feb. 21 Saturday....Freshman Exercises 8 P. M.
Feb. 22 Sunday.....International Day of Prayer for Colleges.
April 3 Friday.....Easter Recess begins 4 P. M.
April 14 Tuesday.....Work resumed after Easter recess, 8:05 A. M.
April 20 Monday.....Field Day.
May 30 Saturday....Memorial Day.
June 13 Saturday....Anniversary of the Conservatory of Music 8 P. M.
June 14 Sunday.....Baccalaureate Sermon 11 A. M.
Address before the Christian Associations 8 P. M.
June 15 Monday.....Senior Class Day Exercises 2 P. M.
Commencement Play 3 P. M.
June 16 Tuesday.....Closing Exercises of Tualatin Academy 10 A. M.
Receptions by different Literary Societies 3-5 P. M.
Anniversary of the Associate Alumni 8 P. M.
June 17 Wednesday..Commencement Exercises 10 A. M.
Corporation Dinner 1 P. M.
Commencement Concert 8 P. M.
Sept. 16 Wednesday..First Semester begins 10 A. M.

TRUSTEES

PRES. WILLIAM N. FERRIN, ex-officio, Forest Grove.

	Term expires.
GEORGE A. WARREN, Portland	1913
ABBOT L. MILLS, Portland	1913
JUDGE JOHN Q. A. BOWLBY, Astoria	1914
REV. PHILIP E. BAUER, Salem	1914
MILTON W. SMITH, Portland	1914
NEWTON McCOY, Portland	1914
REV. LUTHER R. DYOTT, D. D., Portland	1914
HON. CHAS. E. WOLVERTON, Portland	1915
NAPOLEON DAVIS, Aurora	1915
GEORGE H. MARSH, Portland	1915
BELA S. HUNTINGTON, Portland	1916
REV. J. R. WILSON, D. D., Portland	1916
EUGENE P. McCORNACK, Salem	1916
HON. EDWARD W. HAINES, Forest Grove	1917
WILLIAM T. FLETCHER, Portland	1917
JUDGE STEPHEN A. LOWELL, Pendleton	1918
JOHN E. BAILEY, Forest Grove	1918

OFFICERS OF THE BOARD.

B. S. HUNTINGTON	President
GEORGE H. MARSH	Vice-President
NAPOLEON DAVIS	Secretary
NEWTON McCOY	Assistant Secretary
GEO. A. WARREN	Treasurer
D. A. HESSEMER	Assistant Treasurer

FINANCE COMMITTEE.

B. S. HUNTINGTON,
NAPOLEON DAVIS,
PRES. W. N. FERRIN,
JOHN E. BAILEY,
GEO. A. WARREN.

COMMITTEE ON TEACHERS.

J. R. WILSON,
EUGENE P. McCORNACK,
JOHN E. BAILEY,
WILLIAM T. FLETCHER,
REV. L. R. DYOTT

FACULTY AND OFFICERS

* WILLIAM NELSON FERRIN,
A. B., University of Vermont, 1875; A. M. 1878; LL. D., University of Vermont, 1902.

President and Vermont Professor of Mathematics.

JOSEPH WALKER MARSH,
A. B., University of Vermont, 1857; A. M., 1860. A. M., Bishop's College, Canada. Ph. D., T. A. and P. U., 1883.

Professor Emeritus of Greek and Latin.

REV. HENRY LIBERTY BATES,
A. B., Oberlin, 1876; A. M., 1880. B. D., Oberlin Theological Seminary, 1881.

Principal of the Academy and Acting Professor of Mental and Moral Science.

MARY FRANCES FARNHAM,

Graduate of Mt. Holyoke and Student at Radcliffe. Litt. D., Mt. Holyoke, 1912.

Dean of Women and Professor of English Language and Literature.

ALEXIS BEN KORI,
Student, Patriarchal College Ain Traz, Beirut, and Greek Pontifical College, Rome, A. M., Texas Christian University, 1903.

Professor of Modern Languages.

FRANK COLLINS TAYLOR,
A. B., University of Nebraska, 1890.

Professor of Greek and Latin.

*Resignation to take effect September, 1913. Local management at present in charge of the Faculty Committee of Control.

ARTHUR MALCOLM BEAN,
A. B., Iowa College, 1897; A. M., Cornell University, 1903.

Professor of Biology.

* LESTER BURRELL SHIPPEE,
A. B., Brown University, 1903; A. M., 1904.

Professor of History and Political Science.

WILLIAM GRUEBY HARRINGTON,
LL. B., Boston University, 1902; Honor Graduate, Emerson College of Oratory, 1908.

Professor of English and Public Speaking.

EARLE DOWNS WEST,
A. B., Ohio State University, 1900; A. M., Adrian College, 1908.

Professor of Mathematics.

GEORGE HAROLD LEARNED,
A. B., Middlebury College, 1908.

Professor of Chemistry.

**.....

Professor of Education and Biblical Literature.

MARTHA ELIZABETH SPAFFORD,
A. B., University of Vermont; New York State Library School.

Librarian.

*** HARRY WILLIAM DAHLEEN,
A. B., University of Minnesota, 1911.

Instructor in History.

*First Semester 1912-1913.
**To be appointed.
***Second Semester 1912-1913.

DORA ESTHER BAKER,

A. B., Pacific University, 1911.

Instructor in the Academy.

HELEN CORNELIA BISHOP,

Instructor in Physical Training for Women.

EMMA BEECHER PENFIELD,

Instructor in German.

FRANK THOMAS CHAPMAN,

Graduate American Conservatory, 1893; Student in Europe, 1894 and 1906-1907 (in Berlin). Student of Murdough, Jacobsohn, Listeman, Tividar Nachez, Emil Sauret, Breithaupt, etc.

Director of the Conservatory and Instructor in Piano and Violin; Theory and History of Music.

PAULINE MILLER CHAPMAN,

Graduate Chicago Conservatory, 1896; Student in Europe, 1906-1907. Student of Max Heinrich, Madam Amy Major, Signor Marescalchi, Madam Etelka Gerster and Prof. G. B. Lamperti.

Instructor in Vocal Music.

AGNES JOHNSON,

Graduate McMinnville College Conservatory, 1910; Diploma in Piano, P. U. Conservatory, 1912.

Instructor in Piano.

LEAH SLUSSER,

Diploma in Voice, P. U. Conservatory, 1912.

Instructor in Vocal Music.

GOLDIE PETERSON,

Diploma in Voice, P. U. Conservatory, 1912.

Instructor in Vocal Music.

HELEN WILCOX,

Instructor in Piano.

ADA TAYLOR,
Instructor in Piano.

MARGARET LOWELL,
Instructor in Violin.

FRED EWALD SCHMIDTKE,
Student Assistant in Mathematics.

HELEN CORNELIA BISHOP,
MAUDE BELLE BUNDAY,
Student Assistants in Biology.

LEVI FULHAM AUSTIN,
Student Assistant in Chemistry.

RUTH ELEANOR GAYLORD,
THOMAS WILLIAM LEONARD,
AVA SARAH CARLYLE,
RITA MACRUM,
EVIA SHAFFER,
Student Assistants in the Library.

PROFESSOR BEAN,
Registrar.

PROFESSOR WEST,
Clerk of the Faculty.

MISS MARCIA THATCHER,
Matron Herrick Hall.

CHARLES A. KELSEY,
Janitor.

FORMER PRESIDENTS.

SIDNEY HARPER MARSH, D. D.....1854-1879

JOHN R. HERRICK, S. T. D.....1880-1883

JACOB FRANK ELLIS, D. D.....1883-1891

THOMAS McCLELLAND, D. D.....1891-1900

STANDING COMMITTEES OF THE FACULTY.

1912-1913.

COMMITTEE OF CONTROL.

Professor Taylor, Principal Bates, Professor Harrington.

LIBRARY AND READING ROOM.

Professor Bean, Principal Bates, Prof. Ben Kori, Dr. Farnham.

SCHEDULE OF RECITATIONS.

Principal Bates, Professor Taylor.

CLASSIFICATION OF STUDENTS AND COURSES.

Professors Bean, West, Shippee, Dr. Farnham.

MEMBERS OF ATHLETIC COUNCIL.

Principal Bates, Professors Harrington, Learned.

STUDENT PUBLICATIONS AND SOCIETIES.

Dr. Farnham, Professors Ben Kori, Shippee, Harrington.

FACULTY PUBLICATIONS.

Professors Learned, Taylor, West.

ORATORY AND DEBATE COUNCIL.

Professors Taylor, Harrington, Principal Bates.

STUDENT CONDUCT.

Professor Taylor, Dr. Farnham, Principal Bates.

STUDENT SOCIAL AFFAIRS.

Professor Harrington, Principal Bates, Dr. Farnham.

CATALOGUE.

Dr. Farnham, Professors Bean, Learned.

PUBLICITY.

Professors Ben Kori, West, Bean.

PUBLIC ADDRESSES

The following formal addresses have been given before the students and friends of Pacific University during the first half year:

Sept. 18—Opening Day. Rev. F. W. Gorman: "Use or Lose."

Oct. 10—Mrs. Sarah Baird Field Ehrgot: "Votes for Women."

Oct. 28—Miss Christine I. Tingling: "Trinkets or Weapons."

Dec. 3—Rev. H. H. Rottman: "Preparation for Efficiency."

Jan. 15—Charter Day. Professor Edward O. Sisson: "Studies and Character."

Feb. 5—Opening day, Second Semester. Rev. D. Brewer Eddy: "The Responsibility of the American Student."

Feb. 12—Lincoln Day Address. Rev. Hiram Gould.

HISTORIC EVENTS

Rev. Harvey Clark began missonary work at Tualatin Plains 1841
Mrs. Tabitha Moffet Brown came to Forest Grove..... 1847
The Orphan School opened in the log church..... 1847
Rev. Geo. H. Atkinson, D. D., arrived in Oregon, July.... 1848
Conference at Oregon City.....September 4, 1848
Tualatin Academy incorporated.....September 29, 1849
Rev. Cushing Eells, first principal of Tualatin Academy.. 1849
The Raising of the first frame building for Tualatin Academy ..... July 4, 1850
Mrs. Elizabeth Miller Wilson taught in Tualatin Academy 1851
Rev. Sidney Harper Marsh, D. D., came to Oregon..... 1853
Tualatin Academy and Pacific University incorporated .....January 10, 1854
President Marsh inaugurated.....May 3, 1854
Rev. Harvey Clark died.....March 25, 1858
First commencement 1863
Academy building erected 1864
President Marsh died .....February 2, 1879
Herrick Hall erected 1883
President Thomas McCelland inaugurated.....June 15, 1892
Ground broken for Marsh Memorial Hall.....June 21, 1893
Celebration of Golden Jubilee of Pacific University.July 9, 1898
President William N. Ferrin inaugurated....October 14, 1903
Herrick Hall burned .....March 11, 1906
The New Herrick Hall dedicated.....October 30, 1907
The Gymnasium opened .....June 13, 1910
The Academy building burned .....October 26, 1910
The Carnegie Library opened .....October 17, 1912

GENERAL INFORMATION

HISTORY.

Pacific University, by its inception under the provisional government and its charter granted during the period of territorial administration, is intimately associated with the early history of Oregon; and since the admission of Oregon to the Union, members of the alumni have served, not only in the state legislature, but also in the halls of Congress. Like many other pioneer institutions, the beginnings form an interesting chapter in missionary records. In 1841, Rev. Harvey Clark, of Chester, Vermont, began an independent work among the Indians of Tualatin Plains, and when the Willamette Valley was opened for settlement by white people, Mr. Clark realized the importance of schools for their children. Active plans were not begun until 1847, when Mrs. Tabitha Moffett Brown of the immigration of 1846 came to visit her son who lived on a donation claim near Forest Grove. Although past middle life, Mrs. Brown was a woman of unusual energy and resourcefulness; with the cooperation of Mr. Clark she collected the children who had been left orphans by the hardships of the western trail and taught them in the log church. Other children from the settlement also joined the school.

In the meantime both as a missionary enterprise, and as the beginning of a future state the Oregon Territory appealed to eastern men of large vision. In 1847, the Home Missionary Society commissioned Rev. George H. Atkinson to extend religious work in Oregon, and Rev. Theron Baldwin, secretary of the American College and Education Society advised him to "found an academy that shall grow into a college." In 1848, soon after his arrival in Oregon he attended the meeting of the Congregational and Presbyterian Conference in Oregon City and urged the immediate establishment of the academy. Members of the conference visited Forest Grove and, with the consent of Mr. Clark, it was decided to merge the orphan school into the proposed academy. On September 29, 1849, the Territorial Legislature granted a charter "for a seminary of learning for the instruction of both sexes in science and literature, to be called Tualatin Academy," from

the Indian name of plain and river. Rev. Cushing Eells was the first principal and, for a time, was assisted by Mrs. Eells. In 1851, under the auspices of the National Board of Popular Education promoted by Governor William M. Slade, of Vermont, Miss Elizabeth Miller, the late Mrs. Wilson, of The Dalles, came to Forest Grove. She was the first woman especially appointed to Tualatin Academy then under the charge of Rev. D. R. Williams. Mrs. Wilson, who was the last survivor of the early instructors, died February 26, 1913. To establish an endowment fund Mr. Clark gave his donation claim which, with other gifts of land, was sold for town lots. Several acres, however, were reserved for a building site and grounds for the school. A subsequent gift from Rev. Elkanah Walker, and the purchase of additional acres from Mr. Stokes enlarged the grounds to the thirty acres which constitute the present campus of Pacific University. Members of the class of 1867 have marked the site of the old log church, where the first classes were held, by a petrified stump brought from the country home of Dr. Raffety. The raising of the first frame building for Tualatin Academy is graphically described by Mr. Edwin Eells who was an early student. For days, men from all parts of Tualatin Plains camped with their families on the grounds, and while the men worked at the frame, the women cooked the meals. It was a gala time for the whole community. This building erected in 1851 is now used as the science building and is the oldest building in Oregon still in use for educational purposes. Its substantial hand-hewn frame has insured permancy over other buildings of pioneer days.

Believing that a more advanced course of study was essential to the training of young men for their part in the development of Oregon, Dr. Atkinson enlisted the Society for the Promotion of Collegiate and Theological Education at the West. He secured as president of the contemplated college Rev. Sidney Harper Marsh, of Union Theological Seminary. Descended from a family of educators, Mr. Marsh was especially qualified to develop a high standard of scholarship. In 1854, the Territorial Legislature granted a new charter with full collegiate privileges to "Tualatin Academy and Pacific University." Although all the possibilities under the enlarged charter have not been realized, and the institution has never claimed other than college standing, difficulties in the way of a

more appropriate name still require the use of the original title.

President Marsh made several visits to the East, where he secured liberal contributions from men who realized the strategic importance of a frontier state. Hon. Rufus Choate, Edward Everett Hale and Professor Austin Phelps were warmly interested in the work. Important contributors were S. F. B. Morse, the inventor of the telegraph, and his brother Sidney E. Morse. Prominent in the list are the names of William E. Dodge, Ezra Farnsworth, Henry Ward Beecher, Timothy Dwight, Dr. E. M. Kirk and John Tappan who were noted clergymen and philanthropists. Among men of affairs who made generous subscriptions were Frederick Billings, A. S. Hatch, Edward Everett, S. D. Warren, David Whitcomb, A. S. Barnes, also P. L. Moen, C. P. Huntington, F. Jones, J. Crosby Brown, J. Field, William Carleton, W. W. Wickes, and R. R. Graves. Altogether, President Marsh raised an endowment which for some years placed the institution on a safe financial basis; he also collected a library of 5,000 volumes. In addition to the first frame building which was known for many years as "The College Building," a similar building was erected in 1864 for the academy.

The board of trustees for Pacific University was chosen in part from the old board of Tualatin Academy. Rev. Harvey Clark was president of the board and Dr. Atkinson was secretary for forty years; Hon. Alanson Hinman, the latest surviving charter member, succeeded Dr. Atkinson as president of the board and served continuously as trustee until his death in 1908; Hon. H. W. Corbett was a member of the board from 1858 until his death in 1903, and Hon. Henry Failing was treasurer from 1870 until his death in 1898. He was succeeded by Mr. Frank M. Warren who was drowned in the Titanic disaster, April 15, 1912; his son, Mr. George A. Warren, a grandson of Dr. Atkinson, was elected in his father's place. Among the alumni who have served as trustees, Mr. Harvey W. Scott, the first graduate, was president at the time of his death in 1910; Rev. Myron W. Eells of the class of 1866, although at great personal inconvenience, never failed to attend the annual meeting.

In scholarship the men chosen by President Marsh for associates in his work have stood high in the records of col-

lege-trained men. Rev. Horace Lyman, a professor of history and rhetoric, was much of the time pastor of the Congregational Church; E. A. Tanner was afterward president of Illinois College at Jacksonville; E. D. Shattuck became an eminent jurist; G. H. Collier, who still survives, was for many years professor of science in the University of Oregon; Joseph W. Marsh, professor of Greek and Latin, after forty years of uninterrupted teaching was retired in 1907 on the Carnegie Foundation; A. J. Anderson was president, first of the University of Washington, and later of Whitman College; Rev. Thomas Condon, who won distinction as the leading geologist of the Northwest, was a professor in the University of Oregon; W. N. Ferrin was professor of mathematics until 1903, when he was elected president of Pacific University; W. D. Lyman, both alumnus and instructor of history in Pacific University, is professor of history in Whitman College.

The death of President Marsh in 1879 closed twenty-six years of service for Pacific University. He was succeeded by Rev. John R. Herrick, S. T. D.; during his short administration a building was erected for young women and subsequently named Herrick Hall. He resigned in 1883, and resumed ministerial service, dying in 1912. Rev. J. F. Ellis, D. D., was president until 1891, when he was succeeded by Rev. Thomas McClelland, D. D. Increase of the endowment and the erection of Marsh Memorial Hall were great forward movements of that decade. Liberal benefactors were Dr. D. K. Pearsons, of Chicago; Dr. J. H. Williams and J. H. Converse, of Philadelphia; Mrs. Frederick Billings, of Vermont; Hon. Henry Failing and Hon. H. W. Corbett of Portland. In July, 1898, the National Council of Congregational Churches, then convened in Portland, held a special session in Forest Grove to celebrate the Golden Jubilee of an institution "cradled in missionary enterprise and nurtured by men of pilgrim faith." President McCelland resigned in 1900 to accept the presidency of Knox College, and Professor William N. Ferrin, after serving three years as dean of the faculty, was appointed president in 1903. Within the last ten years a new hall of residence for young women has replaced the wooden building destroyed by fire in 1906, a well equipped gymnasium has been erected, and a handsome library. This latest addition to the working

MARSH HALL

equipment of Pacific University is a gift from Mr. Andrew Carnegie, and the maintenance fund was contributed by friends. It is worthy of note that leading subscriptions for all these newer buildings have come from the Northwest.

Of still greater importance than the material growth of Pacific University is the steady advance in standards. In the early years the bachelor's degree was conferred only upon men; for the women there was the shorter "Ladies' course" with the degree of "mistress of science." In 1891, the title of the women's degree was changed to B. L., and in 1900 the course was extended to four years. In 1879, women first received the A. B. degree. For a few years different degrees were given to the respective groups of study, but since 1905 all groups receive the common degree of A. B. for 120 approved credits. Until 1878, the degree of A. M. was conferred "in course" upon all classical students; since then the requirements have steadily been raised until the master's degree now means a well defined course of study approved and directed by the faculty. The standards for admission meet the requirements of the Carnegie Foundation. The courses of study have been steadily enriched and enlarged. In 1912, by action of the United States Bureau of Education, Pacific University was placed upon the list of standard colleges. It has also been placed upon the accredited list of the State of Washington, with the understanding "that it shall maintain standards equal to those of the University of Washington." This privilege enables graduates of Pacific University to teach in the schools of Washington without examination. In accordance with an act of the Oregon Legislature in 1910, all graduates who have completed fifteen hours in Education are given certificates permitting them to teach in the high schools of Oregon without examination. Graduates of Pacific University are admitted for graduate or professional study in all the leading colleges and universities of the country. The alumni fill positions of honor and responsibility not only in Oregon and other states, but even in foreign lands.

LOCATION.

Forest Grove is distinctively a "college town." It is known for its law-abiding, intelligent population, its strong progres-

sive churches, and its beautiful homes. It has never had a licensed saloon in all its history. More favorable conditions for health could scarcely be obtained anywhere. The water supply brought from the mountains ten miles away, is abundant and pure. Typhoid fever and kindred diseases are absolutely unknown. Forest Grove is but twenty-six miles from Portland and is reached either by the Forest Grove Division of the Oregon Electric Railway, or by the West Side System of the Southern Pacific. The electrifying of that line is progressing rapidly, and when completed, under the newly organized Portland, Eugene and Eastern System will run trains from Portland to the uptown station in Forest Grove in less than an hour's time.

MARSH MEMORIAL HALL. This building, raised in commemoration of the first President, Sidney Harper Marsh, is constructed of brick, with stone trimmings. The dimensions are 142x70 feet. There are thirteen recitation rooms, a reception room, office, literary society and Christian Association rooms. There is also a commodious chapel, which, when thrown open into the adjoining rooms, will seat 800 people. The building is well lighted and ventilated, and is heated throughout by hot water.

HERRICK HALL. This Hall of Residence for young women is a new building three stories high, in addition to a good basement with cemented floor. The equipment is modern in every detail. A hot water heating plant, both electric and gas lights, bath and toilet rooms on every floor, hot and cold water in each room, and fire escapes, insure both comfort and safety. On the ground floor are the dining hall, parlors and music rooms. Easy stairways lead to the upper floors, where both single and double rooms are arranged; in a few cases connecting doorways make it possible to use two rooms together. The rooms are furnished with single beds which can be made up like lounges to give a more home-like appearance. All the furniture is new and attractive. In addition to the furnishings which the institution provides, the occupants are required to bring towels, table napkins, lounge covers and necessary bedding, except mattresses and pillows. Whatever else individual taste may suggest will be brought from home. All pictures must be hung from the picture molding.

A good laundry in the basement gives opportunity to those who wish to do their own washing or ironing. Each young woman is requested to provide her own ironing sheet.

The Hall of Residence is the center of a pleasant family life under such restrictions as the customs of good society and the best interest of the household require. The Dean of Women and several other members of the faculty reside in the hall, and the dining-room is open to young men.

Unless by special consent of the Dean of Women, all young women whose homes are away from Forest Grove will reside in the hall.

A Bulletin with floor plans and prices of rooms will be sent on request to all applicants that choice of rooms may be made. For further information please apply to the President, the Dean of Women, or the Matron.

THE LIBRARY.

The college library is now housed in its handsome new Carnegie building near the southwest corner of the campus. Its usefulness has been noticeably increased by the improved facilities which the new building offers, both in the way of ample space for the adequate shelving of books and in the attractive rooms which are at the disposal of the students for quiet reading and study.

The building is of white brick, with darker trimmings, and in its effective setting of fine old oak trees makes a notable addition to the college property. The interior is finished in quartered oak and the chairs and tables are of the same material. On the main floor are spacious reference and periodical rooms and a stack room with steel stack of standard design, capable of shelving some 16,000 volumes. The librarian's office, a study room and coat rooms are also on this floor. In the basement is a second stack room, where the greater part of the government documents are shelved, also a large lecture room and various storage and work rooms.

The exact number of books owned by the library cannot be ascertained until the cataloguing is more nearly completed, as the collection is being thoroughly gone over and revised.

The number of volumes is, however, in the neighborhood of 15,000, besides numerous unbound volumes and pamphlets. The library is a designated depository of government documents and in this way acquires some 20 bound volumes each month.

In the periodical room may be found some 70 American and foreign periodicals, both of a general and technical interest, and several daily and weekly newspapers are on file here. The magazines of permanent value are bound and added to the already large collection in the general library.

The efficiency of the library has been increased by an endowment of about $25,000, the income of which is to be used for maintenance and for the purchase of books. A further gain in efficiency comes from the complete classification and cataloguing of the library, which work will be nearly, if not quite completed by the opening of the college year of 1913.

The collection of government documents is available for the use of the public. The use of the library is free to alumni of Pacific University, to graduates of other colleges and also to clergymen. A fee of $3 per year is charged to other persons who may wish to draw books from the library.

THE GYMNASIUM. This new building was erected during 1910 at a cost of $24,000, contributed largely by citizens of Forest Grove, alumni and other friends of the college. It is a substantial structure with two stories and a basement. The floor of the main gymnasium room is 50x100 feet, and is well equipped with necessary apparatus.

A gallery with a bowled floor for a running-track surrounds this room. The building contains also a fine swimming pool 20x60 feet; Director's room, Trophy room and separate bath room and locker rooms for young men and young women. A fee of 25 cents a semester is charged to every one using a locker.

SCIENCE HALL. The building known as Science Hall was the first to be erected of those now on the campus. It is still, nevertheless, a serviceable structure, a testimony to the faithful work of the early builders. A lecture room, the botanical and other collections, the biological laboratories, office and store-room are on the first floor; on the second are laboratories for chemistry and physics, lecture room and office. All these rooms have been recently remodeled.

APPARATUS AND COLLECTIONS.

Adequate facilities are provided for the general work of classes in Chemistry and Biology, as well as special apparatus for more advanced instruction. A very valuable set of engineering instruments is supplied for the use of students in that department.

A considerable collection has been made of birds and mammals of this region. The principal invertebrate orders are represented by preserved material in jars. There is also a collection of several hundred marine shells, named and classified.

The botanical collection includes over two thousand native species, several hundred South African species (the gift of Dr. Mary F. Farnham), and a museum exhibit of nearly five hundred native species.

A large collection of geological specimens has been obtained from different regions of this country and Europe illustrating both the paleontologic and stratigraphic phases of the study. There are besides a number of ores and similar material for the work in mineralogy.

It is earnestly desired that these various collections may be increased and thus made more useful for purposes of instruction. Small private collections and single specimens are of much greater value when forming part of a larger and well-organized series. The co-operation of alumni and friends of the institution toward this purpose is earnestly solicited. Correspondence to this end may be addressed to any member of the faculty.

REGULATIONS.

The institution does not desire the attendance of any students who are not industrious and well disposed, or who are too wayward for home restraint. To such as are earnest it affords the advantages of a quiet and orderly community with all the opportunities of study and mental development afforded by an institution on a firm foundation. A careful record of attendance, deportment and scholarship is kept, and reports are sent to the parents of all minor students at the end of each semester.

Any student who, in any semester, is reported as doing unsatisfactory work in more than one-half of his registered hours will be dropped from the University for the remainder of that semester and for the following semester.

Any student who, in any semester, is reported as doing unsatisfactory work in more than one-quarter of his registered hours will be placed on probation for the remainder of that semester and for the following semester. During the full probationary semester, the student must pass in twelve hours; or in all his hours, if he is registered for less than twelve.

The ultimate control in all matters pertaining to the conduct of the students is in the hands of the Faculty. It is their desire to lay no unnecessary restrictions upon any. Students are presumed to have regard for the general rules of good manners and good morals; they are expected to be orderly, faithful, respectful and honest, and to render a cheerful compliance with such regulations and requirements as the faculty may, from time to time, find it necessary to make.

Non-resident students in special departments are subject to the general rules of the institution.

On or before the second Friday before the last Monday of each semester each student is expected to file with the Registrar or Principal a list of his studies for the next semester.

CLASS STANDING.

Reports are sent each month to the Registrar of the College and Principal of the Academy; students whose work is rated "poor" are notified at once and required to take steps to bring their work to a proper standard.

In determining the average standing for a semester, the average daily standing will count two-thirds, and the final examination one-third. Every student whose average daily standing in any study is 95 or above will be excused from examination in such study at the end of the semester.

Students' grades are reported by letters signifying the following percentages: A, 90-100; B, 80-89; C, 70-79; D, 60-69. C is the lowest passing grade, only 30 hours of which may count toward graduation; D is a "condition" and may be made

up within the year; otherwise the entire work must be taken in class. E denotes failure and the work must be taken over in class in order to secure a grade in that subject.

WOMEN.

Young women are admitted to all courses of study on equal terms with young men, and so far as they are pursuing the same studies they recite together. All the young women of the institution are under the supervision of the Dean of Women.

EXPENSES.

Tuition must be paid in advance each semester, and charges for rooms and board in College buildings in advance for at least each quarter semester, to the Local Treasurer.

College Tuition, per semester.....$25.00

Academy Tuition, per semester 17.00

Each student pays an incidental fee of three dollars per semester, to be used for library, reading room and athletics.

For laboratory courses a fee is charged varying from two to five dollars. The exact amount is given under the description of each course.

For a single five hour course one-half the regular rate of tuition is charged. For other courses up to the amount of five hours the charge is three dollars for each semester hour of college work and two dollars for each semester hour in academy courses. For more than five hours' study full tuition is required.

All arrangements for tuition and other fees are to be made with the treasurer before attending recitations. The instructors are authorized not to receive any into their classes who cannot present a registration card properly stamped by both Registrar and Treasurer.

Money paid in for tuition will be refunded only when the student has been excused before the middle of the semester on account of illness, in which event one-half the semester's tuition will be returned.

A fee of fifty cents, to be paid to the Local Treasurer will be charged for any special or extra examination, and a receipt therefor must be presented at time of examination.

It is estimated that the average necessary expenses for a college year range from a minimum of $200.00 to a maximum of $400.00.

BOARD AND ROOM.

HERRICK HALL. The price of room and board, including heat and light, and the use of the laundry, varies from $81 to $99 per semester (about eighteen weeks) for each person accommodated, according to the size and location of the room assigned. This is not a rate by the week and is made with the understanding that prompt payment is to be made in advance, for at least each quarter semester. Settlements for less than one quarter semester will be charged fifty cents a week above the average of usual rates.

A limited number of young men will be received to table board at the Hall, with the same understanding as to time and payment specified above.

No allowance will be made for occasional absence except that, in case of necessary absence extending to three days or more, an allowance of 50 cents a day for all time in excess of two days will be made.

BOARDING CLUBS. Independent boarding clubs organized and carried on by the young men with board at actual cost are given every possible encouragement by the college. It is the wish of the institution to inculcate all reasonable economy by its students.

Young men may also obtain rooms in private families in town at various prices. An approved list of such places may be obtained from the President, or Principal of the Academy.

STUDENT AID.

The College desires to encourage self-supporting students, and such are enrolled every year. Assistance is rendered students in obtaining employment in the town, and those who desire to aid themselves in this way can generally find the

opportunity. As a rule, no capable young man or woman possessed of good health and a determination to secure a college education need fail in the attempt.

Through a bequest of $10,000 by Mr. Charles Atkinson, of Moline, Ill., the Atkinson Scholarship Fund has been established. This amount is divided into ten Atkinson scholarships of $1000 each, the income to be awarded each year to worthy students whose circumstances require such assistance. Any one who indulges in tobacco, or has any expensive habits will be debarred from such aid. The annual income of two Benedict scholarships of $1,000 each will be awarded young women. Application for aid from any of these scholarships must be made each semester to the President. Sons and daughters of ministers in actual service are admitted upon payment of one-half tuition, if dependent on their parents.

The educational societies assist students in College who are preparing for the Christian ministry.

A scholarship, consisting of tuition for one year, will be given to the student attaining the highest rank in the graduating class in any of the schools in the accredited list.

CORPORATE NAME.

The corporate name of this institution is "The President and Trustees of Tualatin Academy and Pacific University."

RELIGIOUS CULTURE.

This is a Christian institution and aims to give its students a thorough education; it believes that the highest intellectual culture, and the greatest moral excellence can be obtained only as they are developed from the principles of Christianity. At the same time it seeks to avoid a narrow sectarianism; it opens its doors to students of all denominations.

All students are required to attend a daily devotional service at the chapel and church services at least once on Sunday. Each student attends the church of his choice. Bible study occupies a place throughout the curriculum, and a strong department of Biblical Language and Literature is maintained.

Branches of the College Young Men's and Young Women's Christian Associations are maintained by the students and prayer meetings are held every Tuesday evening, to which all students are invited. Classes for Bible study and Mission study, following the plan of the International Committee, are maintained by both associations. A room in Marsh Hall is suitably furnished for use of these societies. A useful handbook is published each year and may be obtained by applying to the Presidents of the associations.

January 10-12, 1913, the thirteenth annual convention of the Oregon-Idaho Y. M. C. A. was held in Forest Grove with Fred B. Smith and Raymond Robins for leaders, and the International Quartette as a prominent feature of the session.

LITERARY SOCIETIES.

There are four literary societies for the students—the Gamma Sigma and Alpha Zeta for the men, and the Philomathean and Kappa Delta for the women. Membership is by election by the society. They meet weekly and are the means of developing and fostering literary excellence. Essays, orations and discussions are presented and a familiarity with parliamentary rules is gained. Suitable rooms are provided for the societies in the College buildings. Students participate in oratorical contests and inter-collegiate debates and have had their share of victories.

PHYSICAL TRAINING.

The gymnasium is open to all students during certain hours daily, and regular Physical Training under the supervision of Physical Directors is required of all Academy students throughout the four years of the Academy course, and of all College students throughout the Freshman and Sophomore years.

A four-lap running track with grand stand is situated on the College athletic field and athletic sports and exercise in the open air are encouraged as a part of a complete physical education.

General athletic matters and intercollegiate games are under the control of the Athletic Council, consisting of three

members of the Faculty and six from the student body. No student who has an unremoved condition or whose daily grades in any study are below 70 shall represent the school in any interscholastic contest, nor shall such a person be eligible to enter any "try-out" for such a contest; provided, that any student conditioned in but one study shall become eligible to enter try-outs or contests upon having taken up such conditional work a second time.

The students maintain a Tennis Club with two courts on the campus.

Athletic games or exercises are not permitted on the College grounds during the recitation hours of the day, except by special permission.

CHARTER DAY.

On January 10, 1854, the Territorial Legislature of Oregon gave a new and enlarged charter to Pacific University. That suitable recognition may be given to the founding of this institution January 10, or the Wednesday following that date is observed as "Charter Day." The annual programme recalls the early days and presents the purpose of the founders of Pacific University. The Charter Day address for 1913 was given by Professor Edward O. Sisson of Reed College on "Studies That Pass Over Into Character." In 1914 the observance of Charter Day will consist of an evening programme in Marsh Memorial Hall. It is hoped that citizens will unite with the College in the annual commemoration of this significant event.

THE COLLEGE

The high standard of the work done in this institution is recognized by the larger universities East and West, and graduates of Pacific University have been admitted to graduate standing, and undergraduates have also been given equal rank without examination, in a number of the best colleges and universities.

TERMS OF ADMISSION.

Candidates for admission to Pacific University must present an official statement of work done by them in other schools and a certificate of good moral character. These papers should, if possible, be in the hands of the registrar before September 1st, in order to avoid delay in registration. The age required for entrance is fifteen years with a proportionate increase to enter advanced classes.

The scholastic requirements for admission are stated in terms of units. The term UNIT means the equivalent of five recitations per week for one year in one branch of study. In closely allied branches not usually taught in periods of one year each, such as Botany and Zoology, units may be constructed by adding the respective time values of such studies. In any subject three recitations a week for one year and a half may be counted as one unit.

Fifteen units are required for admission.

I. The following 11½ units are required of all, unless six units of ancient languages are offered, in which case two units of English will be accepted:

Mathematics	2½ units
English	3 units
History	1 unit
Science	1 unit
Latin	2 units
Foreign Languages	2 units

II. In addition to the requirements under I, enough units must be offered from the following elective subjects to complete fifteen:

LATIN	1 or 2 units
GREEK	1 or 2 units
GERMAN	1 or 2 units
FRENCH	1 or 2 units
SPANISH	1 unit
SCIENCE	1, 2 or 3 units
Zoology	½ or 1 unit
Botany	½ or 1 unit
Chemistry	1 unit
Physics	1 unit
Physiography	½ or 1 unit
Astronomy	½ unit
ENGLISH	1 unit
HISTORY	1 unit
CIVICS, ECONOMICS	1 unit
MATHEMATICS	½ or 1 unit
BIBLICAL HISTORY	1 unit
DRAWING	1 unit
Mechanical Drawing	½ or 1 unit
Freehand Drawing	½ or 1 unit
MANUAL TRAINING	½ unit
DOMESTIC SCIENCE	½ unit

Applicants who are deficient in preparation may make up such deficiency in Tualatin Academy, but no college credit will be given for such preparatory work, nor will college rank be given to a student whose work is academic.

Applicants for advanced standing in any course must satisfy the instructor by examination or otherwise as to the amount and character of work upon which such application is based.

ACCREDITED SCHOOLS.

Graduates of any school having a course of study equivalent to the above requirements and which has been approved by the Faculty, will, when recommended by the principal of the school for admission to any college course, be admitted

without examination. Schools may be accredited for partial fitting, and students will be required to pass examination in such subjects as are not credited in the entrance requirements.

The following schools have been placed upon the accredited list for full or partial credit:

Albany.
Ashland.
Astoria.
Baker.
Bend.
Bethel.
Brownsville.
Burns (County High School).
Canby.
Condon.
Coquille.
Cornelius.
Corvallis.
Cottage Grove.
Cove.
Dallas.
Enterprise.
Eugene.
Forest Grove.
Fossil.
Goldendale, Wash.
Grants Pass.
Harrisburg.
Heppner.
Hermiston.
Hillsboro.
Honolulu, H. I.
Hood River.
Jackson.
Joseph.
Junction City.
Klamath Falls (County H. S.)
La Grande.
Lakeview.
Lebanon.
Marshfield.
Medford.
McMinnville.
Monmouth.
Nehalem.
Newberg.
Newport.
North Bend.
Nyssa.
Oakland.
Ontario.
Oregon City.
Pendleton.
Pilot Rock.
Portland—
  Jefferson.
  Lincoln.
  Washington.
Prineville (County H. S.)
Roseburg.
Salem.
Scappoose.
Sheridan.
Silverton.
Sumpter.
The Dalles.
Tillamook.
Umatilla.
Union.
Vancouver, Wash.
Woodburn.
Yoncalla.
Portland Academy.

Schools which desire to have their pupils thus admitted are requested to send to the Secretary of the Faculty their courses of study.

If the preparation of the student who is admitted by certificate is found to be wanting in thoroughness, the privilege of sending students in this manner may be withdrawn from the school that has certified his preparation.

DEGREES.

BACHELOR OF ARTS. The Degree of Bachelor of Arts will be conferred upon those who complete either of the courses of study described on pages 34-35. The fee for diploma is $5.00 payable in advance.

GRADUATION HONORS. The formal thesis for graduation is no longer required. Opportunity is provided however to do special work in connection with one or both of their major subjects to those students who desire to try for graduation honors. Students must register for such work before the end of the Junior year. In order to obtain honors the work done in addition to the work in course must be equivalent to one semester course of one hour, in each department chosen for honor work. The names of students with the honors gained will appear upon the programmes of Commencement Day, and will be published in the Register of the following year.

MASTER OF ARTS. The Master's Degree in course may be conferred upon the following classes of students:

1. Graduates of this or any approved institution of learning of equal rank who have received the corresponding Bachelor's Degree, and who have taken one year's approved graduate study, at least one semester of which must be in residence—pursued in at least two departments—and who have passed satisfactory examination in each subject and presented a satisfactory thesis.

2. Graduates of this University who have completed two years of non-residence graduate study, other than professional in at least two branches, under the direction of the Faculty, and who have passed an examination in each subject and presented a satisfactory thesis.

The fee for diploma is $5.00, and in case of resident study, the tuition shall be the same as that required of undergraduates.

The higher degrees given above are based on a four years' college course.

SPECIAL STUDENTS.

In the arrangement of the courses the established fact is recognized that fixed schemes of study must be maintained in the interest of higher education, and students are strongly advised and encouraged to enter the regular courses.

All the privileges of the University, however, are open to students pursuing partial courses, as far as they are prepared to take advantage of them. Such special students in any course or department, not candidates for a degree, will be entitled to certificates of proficiency in all branches of study.

COURSE OF STUDY

For the Freshman and Sophomore years the student will choose the work specified in Group I or Group II, in the following outline of courses for those years. The number following each study denotes the number of recitations per week throughout the year.

FRESHMAN YEAR.

GROUP I.		GROUP II.	
Mathematics	4	Mathematics	4
Literature	3	Literature	3
Greek	2	Biology or Chemistry	5
Modern Languages	3	History or Modern Languages	3
Latin	3		

SOPHOMORE YEAR.

English	2	English	2
Bible History	2	Bible History	2
Greek	4	Biology or Chemistry, 3 to 5 hours, with electives from the following to make:	11
Latin	2		
Electives from the following:	5	History	
Biology		Political Economy	
Chemistry		Modern Languages	
History		Philosophy	
Literature		Literature	
Modern Language		Mathematics	
Mathematics			
Philosophy			

The work for the Junior and Senior years is elective, subject to the following restrictions:

(1) Each student is required to have completed before graduation at least 20 hours in each of two subjects known as Majors. These Majors must be chosen not later than the beginning of the Junior year.

(2) All courses must include—

Bible	8 hours
Biology or Chemistry	10 hours
English Language and Literature	10 hours
History	6 hours
Modern Languages	6 hours
Public Speaking	4 hours
Philosophy	6 hours
Additional to be selected from History, Philosophy or Political Science	6 hours

For the completion of any course 120 hours are required, an average of 15 hours each semester. Ordinarily students may register for 17 hours without special permission. Registration for more than this amount will be allowed only on condition that no grade of the preceding semester is below 85 per cent, and when it is evident that the work can be done without detriment to the student's health. Requests for permission to take such additional work must be presented to the faculty in writing at the earliest possible date.

It is understood that an hour's credit is given, either for attendance at one class exercise per week with at least two hours' outside preparation, or for not less than two and one-half hours' work in the laboratory per week, through one semester. When a course runs through a year it must be elected for the year unless the instructor allows otherwise. And in such a course no credit will be given for less than a year's work except by consent of the instructor. The Faculty reserves the right to withdraw any elective if it be not chosen by a sufficient number of students to constitute a class. Elementary courses taken as electives in the upper years of college may not count for the same number of credits as when taken earlier.

SCHEDULE OF RECITATIONS FOR THE YEAR.

All classes meet Monday, Tuesday, Wednesday, Thursday and Friday, unless otherwise specified. Recitations and lectures are 55 minutes long.

8:05 A. M.—Mathematics, 1 and 2, M. T. Th. F.
Greek, 3 and 4, M. T. Th. F.
History of Art, 1 and 2, M. W. F.
French, 3 and 4 or 5 and 6, M. W. F.
Education 6, T. Th.
English 4th year, Academy, 1st Sem.
Academy, Botany, 2nd Sem.
Academy, Greek, beginning.

9:00 A. M.—Biology 9, M. W. F.
Geology, M. W. F.
Mathematics, 3 and 4.
Latin, 1 and 2, M. W. F.
Philosophy, 3 and 4, M. W. F. and T. Th.
History, 1 and 2, M. W. F.
Public Speaking, 13 and 14, T. Th.
Public Speaking, 15 and 16, M. W. F.
Literature, 5 and 6, M. W. F.
Literature, 3 and 4, T. Th.
German, 3 and 4 or 5 and 6, M. W. F.
Academy German, 3rd year.

10:15 A. M.—Latin, 7 and 8, M. W. F.
Latin, 3 and 4 or 5 and 6, T. Th.
History, 3 and 4, M. W. F.
Public Speaking, 1 and 2, T. Th.
Public Speaking, 3 and 4, M. W. F.
German, 1 and 2, M. W. F.
Education, 1 and 2, M. W. F.
Bible, 3 and 4, T. Th.
Academy Physics.
Academy Geometry.

11:10 A. M.—Biology, 1 and 2, M. W. F.
Biology, 3 and 4 or 5 and 6, T. Th.
Chemistry, 1 and 2, M. W. F.
Greek, 1 and 2, T. Th.
Philosophy 1, M. W. F.
Philosophy 8, T. Th.
Economics, 1 and 2, T. Th.
Spanish, 1 and 2, M. W. F.
Education, 3 and 4, M. W. F. and T. Th.
Academy Rhetoric, M. W. F.
Academy English, 3rd year (2d Sem., M. W. F.)
Academy Bible, 2nd Sem., T. Th.

1:15 P. M.—Biology, 10, W.
Chemistry, 3 and 4, T.
Chemistry, 5 and 6, M. W. F.
Mechanical Drawing—Academy, 1st Sem., M. W. F.
Academy Astronomy, 2nd Sem.
Latin, 1a and 2a, or Greek, 1a and 2a.
History, 5 and 6, M. W. F.
History, 7 and 8, T. Th.
Public Speaking, 5 and 6, M. W. F.
English, 1 and 2 (Themes), T. Th.
Literature, 9 and 10, M. W. F.
Academy, German, 4th year.
Bible, 1 and 2, T. Th.
Anabasis, Academy.

2:10 P. M.—Vergil, Academy.
Public Speaking, 7, T. Th.
Literature, 17 and 18, M. W. F.
French, 1 and 2, M. W. F.
Caesar, Academy.
Cicero, Academy.

3:05 P. M.—Mathematics, 9 and 10, M. W. F.
Political Science, 1, T. Th.
Social Science, 2, T. Th.
Beginning Latin, Acadamy.
Bible, 4th year, Academy, W.

Periods 1:15 to 4:00 on Tuesdays and Thursdays should be reserved for laboratory work in Chemistry, 1 and 2, and Biology, 1 and 2.

DEPARTMENTS AND METHODS OF INSTRUCTION

BIBLICAL LITERATURE.

BIBLE 1. Sophomores and Freshmen. THE BEGINNINGS OF CHRISTIANITY. Deals with the first Christian century, with an intimate study of the book of Acts, and the missionary journeys of Paul. Two hours a week. *First semester, two credits.*

BIBLE 2. Sophomores and Freshmen. THE PROBLEM OF SIN AND AFFLICTION. Based on an analytical study of the book of Job. Two hours a week. *Second semester, two credits.*

BIBLE 3. Seniors and Juniors. THE SOCIAL TEACHINGS OF JESUS. A study of the social bearing and significance of the sayings of Jesus, and a study of modern governmental theories in the light of the teachings of Jesus. Two hours a week. *First semester, two credits.*

BIBLE 4. Seniors and Juniors. THE GREAT TEACHERS OF JUDAISM AND CHRISTIANITY. Takes up types of teachers and teaching methods of Israel's prophets, priests and wise men. Two hours a week. *Second semester, two credits.*

BIOLOGY.

PROFESSOR BEAN.

The laboratory for the department of biology is in the east half of the first floor of Science Hall. The equipment includes instruments and supplies for general use, dissecting microscopes, compound microscopes with stage and eyepiece micrometers, camera lucida and immersion objective, a Zeiss binocular, a rotary microtome of the latest and most approved type, a sliding microtome for celloidin sections, paraffin bath, thermo-regulator, drying oven and a good supply of reagents and stains.

There is besides a large supply of preserved material for class work and specimens in jars for purposes of illustration.

A well-selected reference library is available to all students and is freely used.

1, 2. ZOOLOGY. The morphology and relations of animals and the general principles of classification. Three recitations or lectures and two laboratory periods a week. *Throughout the year, five credits each semester.* Laboratory fee $4.00.

3. HISTOLOGY. The microscopic study of the normal tissues, with reference to the entire organ and their physiological significance in the body. Two lectures per week, required reading and laboratory work. *Five credits, second semester.* Laboratory fee, $4.00.

4. EMBRYOLOGY. The general principles of development with special reference to the batrachian, bird and mammal. Must be preceded by course 3. *Five credits, second semester.* Laboratory fee, $4.00.

5. COMPARATIVE ANATOMY. Anatomy of the vertebrates with more especial reference to mammals. Two lectures and three laboratory periods. *Five credits, first semester.* Laboratory fee, $4.00.

6. EXPERIMENTAL PHYSIOLOGY. Lectures with laboratory experiments and demonstrations. Chemistry and a knowledge of elementary physics are required. *Five credits, second semester.* Laboratory fee, $4.00.

9. PHYSIOLOGY. A more general course in human physiology. Recitations, with experiments, demonstrations and illustrative material. *Three credits, first semester.*

10. ORNITHOLOGY. An elementary course in bird study and designed to give the student an understanding of the bird's place in nature as well as a knowledge of the birds of the locality. One lecture per week and two laboratory periods or field excursions. The student should provide opera or field glasses for this work. *Second semester, three credits.* A laboratory fee of $3.00 is charged for this course.

11. BOTANY. A study of the morphology and development of plants, types of the greater groups of plants, beginning with the simplest forms studied in field and laboratory. *First semester, three credits.* Laboratory fee, $3.00.

12. NEUROLOGY. An introduction to the study of the morphology of the nervous system of vertebrates, and especial-

ly designed as a preparation for Philosophy 3 and 4. Mainly laboratory work including a study of prepared specimens, charts and models. Required of all students who have not taken Biology 1 and 2. Not open to Freshmen. *Three credits second semester.* Laboratory fee, $3.00.

CHEMISTRY.

PROFESSOR LEARNED.

1. GENERAL CHEMISTRY. Experimental lectures, recitations, and laboratory work. The course comprehending a study of the elements of theoretical chemistry and of the non-metals and their compounds. The laboratory work consisting of a selection of representative experiments, including quantitative, using Alex. Smith and Hale's *Laboratory Outline;* the second half consisting of a selection of preparations from raw materials. Text book, Alex. Smith's *General Chemistry for Colleges.* Thorp, *Inorganic Chemical Preparations. First semester, five credits.* Laboratory fee, $5.00.

2. GENERAL CHEMISTRY. Continuation of course 1. The laboratory work consisting of the study of the metals, and of the preparation of their commercially valuable compounds, and including an introduction to Qualitative Analysis. *Second semester, five credits.* Laboratory fee, $5.00.

3. QUALITATIVE ANALYSIS. Lectures, recitations, and laboratory practice, being an introduction to the fundamentals, theory and practice of analytical chemistry following Bottger's *Qualitative Analysis. First semester, three credits.* Laboratory fee, $3.00.

Prerequisite, courses 1 and 2.

4. QUANTITATIVE ANALYSIS. One recitation and five laboratory periods per week. The course covering a series of experiments illustrating the elements of gravimetric and volumetric methods. *Second semester, five credits.* Laboratory fee, $5.00.

Prerequisite, courses 1, 2 and 3.

5. CARBON COMPOUNDS. This course consists of three lectures per week on the general principles and theories of organic chemistry, covering the aliphatic series, accompanied by laboratory practice which includes the familiar operations in-

volved in organic work, and the preparation of twenty aliphatic compounds. *First semester, five credits.* Laboratory fee, $5.00.

Prerequisite, courses 1, 2, 3 and 4.

6. CARBON COMPOUNDS. Continuation of course 5. Three lectures per week on the compounds of the carbocyclic series, with laboratory work, including the preparation of ten aromatic compounds, and a systematic study of the characteristic reactions involved in organic analysis, with practice in the identification of unknown compounds and mixtures. *Second semester, five credits.* Laboratory fee, $5.00.

Prerequisite, course 5.

7 and 8. ADVANCED QUANTITATIVE ANALYSIS. Continuation of course 4. Lectures and laboratory work designed to meet the needs of industrial applications chosen by individual students. Technical analysis of iron and steel, fuels, cements, water, soils, etc. Of value to students looking forward to mining or chemical engineering, or to commercial analysis. *Throughtout the year, three to five credits.* Laboratory fee, $3.00-$5.00.

9 and 10. PHYSIOLOGICAL CHEMISTRY. Lectures, recitations and laboratory practice including a study of the fluids and tissues of the animal body, with a detailed consideration of the processes of digestion, secretion, excretion, putrefaction, metabolism, etc. *Throughout the year, three to five credits.* Laboratory fee, $5.00.

Prerequisite, courses 5 and 6. Biology 9.

11. CHEMICAL TECHNOLOGY. A course of lectures comprising a study of technological chemistry as illustrated in the industries. Much use is made of the journals. *One semester, three credits.*

Prerequisite, courses 5 and 6.

12. THEORETICAL AND PHYSICAL CHEMISTRY. Two lectures and one recitation per week treating states of aggregation, atomic and molecular hypotheses, solutions, chemical statics and kinetics, electro-chemistry, thermo-chemistry, and photochemistry. *One semester, three credits.*

Prerequisite, courses 4 and Math. 3 and 4.

13. FOODS, BEVERAGES AND FOOD ACCESSORIES. Discussion of the individual and relative assimilability, digestibility and beverages, and food accessories. Followed by a consideration of the individual and relative assimilability, digestibility and nutritive value of food products; and relation of pure and adulterated foods to the public health; the adulteration, sterilization and preservation of foods; and a discussion of dietics, dietary standards and the methods for carrying on nutrition investigations. Of value to students looking forward to medicine, nursing, domestic science, sanitary chemistry. May be taken alone, without course 14. *First semester, one credit.*

Prerequisite, courses 1 and 2.

14 and 15. FOOD ANALYSIS. MICROCHEMISTRY OF FOODS. Instruction given in the examination of foods by chemical and optical methods, with reference to adulteration, imitation and alteration; examination of foods for artificial coloring matters, preservatives, and poisonous substances. This course comprises a study of milk, comestible fats and oils, cereal products and starch foods, canned goods, jellies, etc. Alcoholic beverages, fermented liquors, etc. Instruction in the use of the microscope in the examination of foods and condiments for the purpose of detecting adulerations and admixtures. Laboratory practice to be taken in connection with course 11. *Throughout the year, three credits.* Laboratory fee, $5.00.

16. ASSAYING. Mostly laboratory work. Fire assays of gold, silver and lead. Volumetric determination of copper and lead. *Three to five credits.* Laboratory fee, $3.00 to $5.00. (Omitted in 1913-1914.)

EDUCATION.

The Legislature of Oregon in 1911 passed a law authorizing the State Superintendent of Public Instruction to issue certificates to graduates of standard Colleges, giving at least fifteen hours in Education, which would entitle such graduates to teach in the High Schools of Oregon. Also providing that all four-year High Schools must employ College graduates as teachers. The United States Bureau of Education inspected all Colleges in Oregon with a view to standardization, with the result that only three Colleges found a place on the standard

list. Pacific University is one of the three and its graduates, therefore, are entitled to High School Teaching certificates.

COURSES OFFERED.

EDUCATION 1. History of Education. Early Greek, Roman, Mediæval, and Modern periods of educational development are considered. Monroe's *Briefer History of Education* is the text book used. Each student is required to present evidence of a minute study of one of the great modern educators. Open to Seniors, Juniors and special students. Four hours a week. *First semester, four credits.*

EDUCATION 2. Principles of Secondary Education. A study of the Economic and Social, as well as the Biological and Psychological bases of Secondary Education. DeGarmo's *Principles of Secondary Education*, The studies. With collateral readings in Hall's *Adolescence*, and Rædiger's *Principles of Education.* Three hours a week. *Second semester, three credits.*

EDUCATION 3. School Management. Problems of school organization and management and teaching methods studied. Observation of Primary, Grammar and Secondary teaching in the Portland and Forest Grove schools. Bagley's *School Management.* Four hours a week. *First semester, four credits.*

EDUCATION 4. History of the American High School. Taking up the historic development of American Secondary Education, from the Boston Latin School of 1635 to the present day. J. F. Brown's *History of the American High School.* Two hours a week. *Second semester, two credits.*

EDUCATION 6. School Law. Taking up the study of the Educational Codes of Oregon and Washington. Two hours a week. *Second semester, two credits.*

Additional Courses in Education are given by the Department of Philosophy. Psychology, five credits, three in the first semester and two in the second, and Educational Psychology, two credits, second semester, are offered by Professor Bates. A total of twenty hours in Education can thus be secured, and additional courses will be added as the demand arises.

ENGLISH LANGUAGE AND LITERATURE.

DR. FARNHAM.

A. LANGUAGE. Rhetoric is a prerequisite of all work in English Composition. Students who are conditioned in that

subject can take the course required in the fourth year of the Academy. The aim of this department is to acquire the art of clear and forceful expression, to cultivate a style that is sincere and natural, and to gain an appreciation of the best writers. Practice in composition is an important element in several of the courses in Literature, and in addition to the work of this department opportunities for practical application are offered under the Department of Public Speaking.

1, 2. DAILY THEMES. These courses presuppose a knowledge of the principles of Rhetoric. Daily Themes on the basis of a paragraph; occasional long themes; lectures; criticism of themes in class, and individual conferences. Not open to freshmen except by consent of instructor.

1. Daily Themes to develop good style in writing by means of studies based on experience and observation.

2. Current events in the form of short editorials and reports. It is the aim of this course to meet the special needs of journalistic work. It is expected that the two courses shall be taken in sequence. *Two credits through the year.* Required of sopohomores in all courses.

3. DEVELOPMENT OF THE ENGLISH LANGUAGE. Lectures, discussions, special study of assigned topics. Open to all students who have taken courses 1 and 2. *Two credits, first semester.*

4. DEVELOPMENT OF LITERARY CRITICISM. This course is supplementary to course 3. It gives an opportunity to study the best English prose by analysis and extensive reading, with exercises in composition to cultivate literary form. *Two credits, second semester.*

B. LITERATURE. The different courses in Literature aim not only to give the student a general acquaintance with works of the best writers in relation to the life and thought of their time, but also to develop an appreciation of good reading, and to cultivates a literary style. To acquire independence of thought and ease of expression frequent reports, both oral and written, are presented. In addition to the courses prescribed other electives will be offered as the requirements of the Literature group may demand.

5. HISTORY OF ENGLISH LITERATURE. This course is a prerequisite of all other courses in English Literature. Emphasis is laid on the great creative periods by means of lectures, collateral reading, and reports. *Three credits, first semester.* Required of freshmen in all courses.

6. AMERICAN LITERATURE. After a brief preliminary study of early American writers the representative writers of the nineteenth century are studied in detail. The course is conducted by means of lectures, readings from the authors, and written reports. *Three credits, second semester.* Required of freshmen in all courses. Courses 5 and 6 are required of all students. If, however, satisfactory credits are brought from some other school equivalent courses in Pacific University may be substituted.

7, 8. GREAT MAKERS OF ENGLISH POETRY. These courses give an acquaintance with the life and work of several great English poets, their relation to literary history and to the development of the English language. Although the study is more complete when these courses are taken in chronological order, at the discretion of the instructor students may take either course separately.

7. Chaucer, preceded by a short study of Beowulf and Piers the Plowman.

8. Spencer and Milton. *Two credits each course.*

9, 10. THE ENGLISH DRAMA. This course consists of a preliminary study of the early drama, a critical study of representative plays of Shakespeare and, when time permits, one or two plays illustrative of the later drama. This course may precede or supplement the work in dramatic expression in the Department of Public Speaking. *Three credits through the year.*

11, 12. NINETEENTH CENTURY POETRY. These courses give a conception of the intellectual and imaginative development of each poet through the study of his work in relation to his environment and time. Lessons and collateral readings with frequent reports, and a critical study by each student of some assigned subject in connection with the course. These courses may be taken separately.

11. Poetry of the first half century.

12. Poetry of the second half century. *Three credits through the year.*

13, 14. NINETEENTH CENTURY PROSE. These courses give a comprehensive study of leading prose writers in connection with the political, religious and social changes that influenced the life of the nineteenth century with their influence upon the literary style of English prose. These courses may be taken separately.

13. Beginning with the Reviewers to the close of the first half century.

14. Prose of the second half century.

Two credits through the year. (Omitted in 1913-1914.)

15, 16. COMPARATIVE LITERATURE. These courses comprise a comparative study of great epic poems and dramas through English translations.

15. Ancient Classical Epics. *Three credits, first semester.*

16. Renaissance and Modern Poetry of Europe, beginning with *The Divina Commedia of Dante. Three credits, second semester.* (Omitted in 1913-1914.)

17. ENGLISH ALLEGORY AND ROMANCE. This course prepares the student for the study of English Fiction. Lectures and readings. *Three credits, first semester.*

18. THE ENGLISH NOVEL. This course is designed through the study of English and American story writers to enable the student to discriminate the best works of fiction. *Three credits, second semester.*

FRENCH.

PROFESSOR BEN KORI.

1, 2. Open to college students only. Prerequisite, at least four semesters of Latin or Academy French. French Grammar, Reader. Composition and translation. Conversation. *Three hours through the year.*

3, 4. Prerequisite, Academy or freshman French. The nineteenth century in France. Study of its various literary movements, together with present day tendencies. Guide: Lanson's *Histoire de la Litterature Francaise.* Study of representative authors. Collateral readings, reports and criticisms. *Three hours through the year.*

5, 6. Prerequisite, Academy or freshman French. French literature from Malherbe to Beaumarchais. Particular atten-

tion is given to Corneille, Racine, Moliere, Boileau, la Fontaine, Rousseau and Voltaire. Guide: Doumic's *Histoire de la Litterature Francaise. Three hours through the year.* (Omitted in 1913-1914.)

7, 8. Open only to students taking their major work in this department. Prerequisite, 3, 4, 5, 6. The sixteentn century in France. Manual: Darmesteter & Hatzfield's *Le Seizieme Siecle en France.* Attention is especially given to Rabelais, Montaigne and Ronsard. Reports and lectures. *Two hours through the year.*

9, 10. Old French, Morphology and Phonetics. (Omitted in 1913-1914.) Prerequisite, 3, 4, 5, 6. *Chrestomatie de Moyen Age* by Paris and Langlois. Complementary readings and references to Diez *Gram. der Rom. Sprachen,* Brunot's *Histoire de la Langue Francaise des Origines a* 1900, etc., etc. Schwar-Behrens *Grammaire de l'ancien Francais* is recommended. Text for Modern Phonetics: Passy's *Les Sons du Francais. Two hours through the year.*

GEOLOGY.

PROFESSOR BEAN.

1. The work of this course comprises the study of Norton's *Elements of Geology,* examination of minerals and fossil types in laboratory, and field trips. At least three Saturday class excursions required, as well as shorter trips to near-by points. *Second semester, three hours' credit.* A fee of $2.00 is charged for this course.

GERMAN.

PROFESSOR BEN KORI.

1, 2. Open to college students only. Prerequisite, two years of Latin or Academy German. The Elements of German. Composition. Reader. *Three hours through the year.*

3, 4. Outlines of German Literature. Study of representative authors and literary movements of the nineteenth century. Masterpieces of Lessing, Freytag, Goethe and Schiller will be read. Themes and reports. *Three hours through the year.* (Omitted in 1913-1914.)

5, 6. A continuation of Course 3 and 4. Novels of the following writers will be studied in class and others assigned for outside reading and class reports: Storm, Ludwig, Dahn, Riehl, Freytag, Auerbach, von Kleist, Hauptmann and Grillparzer.

7, 8. Prerequisite, 3, 4, 5, 6. Intended only for students doing their major work in German and another modern language taught in this department. Historical and comparative study of the German grammar. References are made to phonology, morphology, syntactical and inflectional comparisons, gradual development, decline and corruption. Selections from Middle High German, Old High German, Old Saxon and Gothic. Relationship of Gothic to other Indo-European languages and dialects will be noted. Much outside reading and consultation work will be required. Students planning to take Course 7, 8, should first consult teacher. *Two hours through the year.*

GREEK.

PROFESSOR TAYLOR.

1. HERODOTUS. Selections from the History of the Graeco-Persian Wars. Drill on Attic forms and constructions. Introduction to Ionic forms. *Two credits, first semester.*

1a. ELEMENTARY GREEK. The main principles of the language, planned to give in one semester a basis for reading of Greek. With Course 2a it gives college students an opportunity to prepare in one year for reading Greek 1. Designed for students having already had four years of foreign language study. *Five credits, first semester.* (Omitted in 1913-1914.)

2. THUCYDIDES. Selections from the *History of the Peloponnesian War. Two credits, second semester.*

2a. ELEMENTARY GREEK. Continuation of 1a. Xenophon's *Cyropedia* with composition exercises. (See Course 1a.) *Five credits, second semester.* (Omitted in 1913-1914.)

3. HOMER. Two books of Iliad and one of Odyssey. Scansion, Homericisms, and the study of the author and his times. *Four credits, first semester.*

4. GREEK ORATORS. Select orations of Lysias and Demosthenes. Attention to study of Athenian legal procedure. *Four credits, second semester.*

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5. GREEK TRAGEDY. Sophocles' *Antigone* and Aeschylus' *Prometheus Bound.* Attention to the history and importance of Greek Drama. *Three credits, first semester.*

6. GREEK PHILOSOPHERS. Plato's *Apology* and *Crito.* Collateral study of philosophy among the Greeks. *Three credits, second semester.*

7. GREEK LYRIC POETS. Pindar. Selected odes, or equivalent work. *Two credits, second semester.*

HISTORY AND SOCIAL SCIENCES.

PROFESSOR SHIPPEE AND MR. DAHLEEN.

1, 2. MEDIAEVAL AND MODERN HISTORY OF EUROPE. A general survey of European History from the Teutonic Invasions to modern times. *Three credits through the year.*

3. ENGLISH HISTORY TO 1603. Study of the constitutional development of Great Britain to the Stuart period. Open to all who have completed History 1 and 2. *Three credits, first semester.*

4. ENGLISH HISTORY AFTER 1603. A continuation of 3. This may be taken either to follow History 3, or as a separate course. Open to all who have completed History 1 and 2. *Three credits, second semester.*

5, 6. AMERICAN HISTORY. A general course covering both colonial and constitutional periods. Open to all who have completed History 1 and 2. *Three credits, through the year.*

7, 8. STUDIES IN AMERICAN HISTORY. A course dealing with particular features of the development of the United States. For 1912-1913; *first semester:* Mississippi Valley. For 1912-1913; *second semester:* The early history of Oregon. *Two credits, with one hour of attendance per week through the year.* Open to all who have completed with credit History 5 and 6.

ECONOMICS.

1. ECONOMICS. An elementary course dealing with the simpler phases of economic theories. *Two credits, first semester.*

2. ADVANCED ECONOMICS. A course taking up the consideration of various economic problems. Open to all who have completed Economics 1. *Two credits, second semester.*

POLITICAL SCIENCE.

1. POLITICAL SCIENCE. An elementary course introducing the subject. (This course should be taken with Social Science 2 to make a year's course.) *Two credits, first semester.*

3. AMERICAN CONSTITUTIONAL GOVERNMENT. A consideration of the government of the United States. Open to all who have completed Political Science 1. *Two credits, first semester.*

4. COMPARATIVE CONSTITUTIONS. A study of the governments of Great Britain, France, German Empire and Switzerland. Open to all who have completed Political Science 1. *Two credits, second semester.*

SOCIAL SCIENCE.

2. SOCIOLOGY. An elementary course serving as an introduction to the study of society. (This course, although complete in itself, should follow Political Science 1.) *Two credits, second semester.*

5. SOCIAL CONDITIONS AND PROBLEMS. A consideration of the more important problems of modern society, with some attention to attempted solutions. Open to all who have completed Social Science 2. *Two credits, first semester.*

HISTORY OF ART.

DR. FARNHAM.

That students may have an intelligent acquaintance with the more important works of art in several departments, a course in the History of Art is offered. Lectures, readings, study of representative forms by the aid of photographs and prints furnish opportunity for a good general knowledge. The Library of the University contains a constantly increasing number of books that are helpful in this course.

1. ARCHITECTURE AND SCULPTURE.

2. RENAISSANCE AND MODERN PAINTINGS.

Three credits through the year.

LATIN.

PROFESSOR TAYLOR.

LIVY. Book XXI and selections to equal one-fourth of Book XXII. Review of grammar and constructions. Drill in sight reading. *Three credits, first semester.*

1a. PREPARATORY LATIN. A semester course in Cicero for college students with four years of Foreign Language training. Four orations of Cicero with grammar drill, etc. *Five credits, first semester.*

2. HORACE. Selected odes and epodes. Particular attention to prosody and literary merits. *Three credits, second semester.*

2a. PREPARATORY LATIN. A semester course in Vergil for college students having four years of Foreign Language training. Four books of the *Aeneid* or an equivalent with prosody constructions, etc. *Five credits, second semester.*

3. TACITUS. Germania or Agricola read carefully. Drill in sight reading. *Two credits, first semester.*

4. PLINY'S LETTERS. Selected letters studied and others read at sight. Collateral readings on Roman social life. *Two credits, second semester.*

5. ROMAN COMEDY. Terence's *Phormio* or an equivalent from this author or Plautus. General study of the Roman Drama. *Two credits, second semester.*

6. QUINTILIAN. Book X, or equivalent selections. General discussions of educational methods of the first century A. D. *Two credits, second semester.*

7. CICERO. *De Senectute* and selections from *De Amicitia.* Discussions on the thought of the time of Cicero. *Three credits, first semester.*

8. SENECA'S ESSAYS. Study of a later Latin philosopher and literary man. Selected essays, or equivalent in other Latin. *Three credits, second semester.*

MATHEMATICS.

PROFESSOR WEST.

1. ADVANCED ALGEBRA. This course includes Quadratics, Ratio, Proportion, Variation, Progressions, Binomial Theorem, Logarithms, Undetermined Coefficients, Permutations, Combinations, Determinants, Series, and Theory of Equations. *Four credits, first semester.*

2. TRIGONOMETRY. PLANE AND SPHERICAL. Demonstration of fundamental formulæ, theory and use of logarithms, solution of triangles. Special attention is given to practical application. *Four credits, second semester.*

3. PLANE ANALYTICAL GEOMETRY. Careful study of loci and their equations. Equations of the straight line and circle. Brief treatment of higher plane curves. For Sophomores. *Five credits, first semester.*

4, 5. THE CALCULUS. Functions and principles of differentiation, maxima and minima, successive differentiation and integration, functions of two or more variables and plane curves. Special attention is given applications of the calculus to geometry, mechanics, and physics. *Five credits, second semester sophomore, and first semester junior year.*

6. MECHANICS. This is a course in theoretical mechanics and includes the treatment of moments of mass and inertia, rectilinear and curvilinear motion, kinetics of a material particle, work, energy, impulse, harmonic motion, potential energy, dynamics of a rigid body, and equilibrium of coplanar forces. Prerequisites, courses 1, 2, 3 and 4. *Five credits, second semester.*

ASTRONOMY.

8. A recitation course in general descriptive Astronomy. Elective to students who have taken Physics 1 and 2. *Five credits, second semester.*

ENGINEERING.

9. ELEMENTARY SURVEYING. Consists largely of field work, use and care of instruments, measuring and computing farm areas, running railroad curves. Attention is given also to the plotting of areas and lines. *Three credits, first semester.*

10. SURVEYING. For those who have completed course 7 or its equivalent. Adjustments of the principal instruments used in surveying, computation of cuts and fills by taking cross-sections, map drawing. A thorough survey of the college grounds is made and the result plotted. *Two credits, second semester.*

11. RAILWAYS. Surveys and construction. This course consists of railroad economics and deals with the theory of

curves, turnouts and crossings. Text-book, Nagel's *Manual for Railway Engineers. Five credits, first semester.*

13. FRESHMEN MECHANICAL DRAWING. (Open to Academy students in third year.) Elementary draughting. Use and care of instruments. Instruction is given in making good geometric construction, angles, right lines and the simple curves. Projections. *Two college (three Academy) credits, first semester.*

15. SOPHOMORE MECHANICAL DRAWING. Advanced work in projections. Complete drawings of a machine. Plotting to scale.

17. ROOFS AND BRIDGES. Designs of simple structures with graphic methods of computation. Complete economic design of a bridge or roof. Merriam & Jacoby's *Roofs and Bridges. Three credits, first semester.*

MUSIC.

PROFESSOR CHAPMAN.

Credit will be given to college students for work done in Music, leading towards the degree of A. B. A maximum of ten semester hours will be allowed for regular class work in Harmony, Counterpoint, History of Music, and Musical Criticism.

A maximum of six semester hours will be allowed to the more advanced students for Practical Musical Work, upon recommendation of the Director of the Conservatory and the approval of the general Faculty.

PHILOSOPHY.

ACTING PROFESSOR BATES.

1. LOGIC. An introduction to the study of the elements of logic, with some reference to the problems of philosophy. The principles of deductive inference and the canons to inductive method are discussed. A course of interest to students of forensics and rhetoric and to those who expect to make further election in philosophy. Text book and frequent exercises. Creighton's Logic. *Three credits, first semester.* For sophomores.

3, 4. PSYCHOLOGY. A general introductory course, fundamental to further work in the department or in education.

Required of all candidates for a baccalaureate degree. Prerequisite, Biology 1 and 2 or 18. Angell's *Psychology* is used as a text book, with collateral readings from James, Calkins and other standard authors. *Three credits, first semester. Two credits, second semester.*

6. PEDAGOGICAL PSYCHOLOGY. A text-book course in the theory and art of teaching based on psychological and ethical principles. *Two credits, second semester.*

5. EVIDENCES OF CHRISTIANITY. A study of the reasons for belief in Christianity, special consideration being given to current phases of thought. Text book and assigned readings. *Three credits, first semester.*

7. THE PHILOSOPHY OF RELIGION. A study of religions and religious systems, a comparison of Christianity with other religions—the origin of religion. Text book and collateral reading. For seniors. *Two credits, first semester.*

8. ETHICS. A study of the facts and problems of the moral life, with comparison of the principal ethical theories. Fairchild's *Moral Science*—with collateral readings. Required course. *Four credits, second semester.*

10. INTRODUCTION TO PHILOSOPHY. A course designed to introduce the student to the history, methods and problems of philosophy. Open to students who have completed courses 1, 3 and 4. Weber's or Roger's *History of Philosophy*, and lectures. *Three credits, second semester.*

PUBLIC SPEAKING.

PROFESSOR HARRINGTON.

The work in this department covers all phases of Public Speaking. Its purpose is to develop the expressive powers of the student; to broaden and strengthen his personality; to quicken his imaginative and dramatic perception, and awaken him to a realization of his potentialities. Yet, apart from the general culture afforded, the technique of all its courses is designed to meet the needs of the student in a thoroughly practical way, and is adapted to those who desire special training for professional purposes.

1, 2. EVOLUTION OF EXPRESSION. The methods of instruction used in the evolution of expression are based upon the

fundamental laws according to which the mind unfolds. The evolutionary processes of nature are followed in the development of the creative forces of the student. With the class as an audience he is required at every step to produce positive results, and to depend for those results upon his mental activity at the moment of speech. This feature is fundamental—because it develops his mental powers—progressive as it requires him to add something to that power at every step, and practical—inasmuch as his progress is constantly tested by his power to move an audience. Text of Charles Wesley Emerson. *Two credits, first and second semester.*

3. PRACTICAL PUBLIC SPEAKING. Offers the maximum of practical training with the minimum of theory through the analysis and interpretation of orations and essays, and actual practice in their declamation. Text of Clark and Blanchard. *Three credits, first semester.*

4. ORATORICAL COMPOSITION AND DELIVERY. A continuation of course 2. Includes the formal study of oratorical composition as distinguished from the essay, and thorough instruction in the delivery of satisfactory orations. Text of Edwin Dubois Shuster. *Three credits, second semester.*

5, 6. EXTEMPORANEOUS SPEAKING. This course offers practical training through the extemporaneous discussion of current events and topics from history, biography and literature—extempore arrangement of thought and phraseology—the use of story and anecdote—postprandial speaking, and the delivery of original orations. Text of James M. Buckley. May be elected advantageously in connection with courses 3 and 4. *Two credits, first and second semester.*

7, 8. ARGUMENTATION AND DEBATE. The aim of this course is two-fold—first, to produce sound thinkers; second, to train these thinkers in the clear, correct, straightforward and effective oral presentation of their own thought. Texts of Fred Lewis Pattee and William Trufant Foster.

Direct application of the principles of debate will be employed from the first. This includes exhaustive analysis of debatable propositions; formal briefing of subject matter; and class room debates.

The entire course is given with the assistance and collaboration of the instructors in the department of History and Social

Sciences, and of Philosophy. One session of two hours weekly. *Three credits, first and second semester.*

9. GESTURE. Lectures upon the physiology of gesture; the evolution of gesture and its philosophy; relations of æsthetic physical culture to gesture; the influence of intuition; the distinction between the gesture of spontaneity and that of calculation; drill for the culture of the responsiveness of the nerve centers to mental concept. Study of gesture and mannerisms as indices of character. *Three credits, first semester.*

10. VOCAL TECHNIQUE. Lectures upon the physiology and hygiene of the voice. The relation of the vital and vocal organs; fundamental conditions of voice production; relation of voice and nervous system; breath contact; tone projection; placing of tones; compass; development of resonance; flexibility, freedom, smoothness, purity, power and brilliancy of tone; eradication of faults in the use of the voice. *Three credits, first and second semester.*

11, 12. EXPRESSIVE PHYSICAL CULTURE. The "Emerson" system of physical culture is offered. It presents exercises for poise, presence and bearing; for grace and ease of manner; for the vital organs and for strengthening the nerve centers while freeing the surfaces of the body; for respiration and harmonic movements. The faithful use of these exercises promotes health, creates strength, develops bodily poise, and grace, and beauty. *Two credits, first and second semesters.*

13, 14. READINGS—MONOLOGUE AND IMPERSONATION. The Reader's Technique; Character Delineations; Arrangement of Programmes; Dramatization of Novels; Choice, Abridgement, and Adaptation of Selections for Public Reading. Criticism and guidance of individual work. Preparation of programmes for public presentation. Monthly public recitals by qualified students. A thorough technical knowledge of the artistic principles and platform laws involved in the work of a public reader is essential to the greatest success. This course offers the reader the technique of prose and verse forms in farce, comedy and tragedy; the approved methods used in descriptive work; in objective gesture, suggestive impersonation and character delineation in its primary form. *Two credits, first and second semester.*

15, 16. DRAMATIC ART. Platform deportment. Stage business. Pantomime. Preparation and presentation of short plays. Platform deportment deals with the laws governing motion in the human body; correct sitting, standing and walking; entrance and exit; platform methods and traditions. Stage business includes costuming, grouping and tableaux; make-up; lighting and color scheme; stage management, rehearsals and performances. Pantomime presents elementary principles; correction of defects and mannerisms in bodily expression; study of emotion in its effect upon voice and gesture; facial expression. Preparation, etc., of plays includes study of farce, comedy, burlesque, melodrama, tragedy, plot, character incident, denouement; the technique of the drama; dramatic criticism; stage deportment; presentation of scenes and one-act plays. *Three credits, first and second semester.*

17. PUBLIC RECITAL. Students electing either of the Courses 8 or 9 are given the opportunity to present, in public, the work they have mastered in class. Public programs of Readings and Impersonations, and Public Presentation of Plays by the students of the department are a regular feature of the work of the College. This is the very best of practice before the very best of audiences.

PRIVATE INSTRUCTION. Private courses may be arranged with the head of the department.

SPANISH.

PROFESSOR BEN KORI.

1, 2. Prerequisite, at least two years of Latin. Open only to college students. Elements of Spanish Grammar. Spanish reader. Conversational drills. *Three hours through the year.*

3, 4. Study of Modern Spanish novels and plays Alarcon, Isla, Galdos, Moratin, Echergaray, Nunez, Valera and Larra. Collateral readings and reports. *Three hours through the year.*

5, 6. Prerequisites, 3, 4. Spanish Literature of the sixteenth and seventeenth centuries. Particular attention is given to Cervantes, Vega and Calderon. *Three hours through the year.* (Omitted in 1913-1914.)

7, 8. Early Spanish. For students taking their major in the Romance Languages. Text: Keller's *Altspanishes Lesebuch.* Morphology. Historical readings. *One hour through the year.* (Omitted in 1913-1914.)

THE ACADEMY

The Academy is under the immediate charge of the Principal and his Assistants. The college Faculty has general direction regarding the course of study and discipline.

PREPARATION FOR COLLEGE.

The Academy provides thorough preparation for the different groups of studies offered in the College, and at the same time offers special opportunities for those desiring thorough training in the common English branches. All the facilities of the University in the way of libraries, lectures, etc., will be open to such students, and it is believed that these privileges will be of peculiar value to those preparing to teach.

REQUIREMENTS FOR ADMISSION.

At the annual meeting of the Board of Trustees of the University in June, 1912, it was voted to discontinue the Academy by dropping one year at a time. In pursuance of this action, the courses of the first year were not offered in 1912-1913 and only the third and fourth year courses will be offered in 1913-1914. The outline of courses on page 60 indicates the requirements for completion of the Academy courses. For admission to the third year the student must given satisfactory evidence, by examination or approved certificate, that he has completed the work indicated for the first two years or its equivalent. Classes will be formed, however, for those desiring to study Beginning Latin or Caesar or Beginning Algebra, if a sufficient number desire it.

It is desired and advised that students begin their studies at the opening of the First Semester, and enter one of the regular courses.

REPORTS.

A record of the work of each student is kept, and at the close of each Semester a report is sent to the parent or guardian.

EXAMINATIONS.

Examinations are held in each subject at the end of each Semester, and no student who fails to pass in more than one study is allowed to maintain his position in the class, unless such work is made up in one Semester.

STUDY HOURS.

In order to insure the time necessary for the preparation of lessons and to encourage methodical habits, an observance of the following study hours is required:

Study Hours, except on Saturday and Sunday, are from 9 a. m. to 12 m. and from 1:15 to 4 p .m.

CERTIFICATE.

Students who complete the work of the Academic courses receive a certificate admitting them to corresponding courses in college.

For information concerning expenses and regulations, see pages 21-24.

OUTLINE OF COURSES

GROUP I.			GROUP II.		
First Year.	S1	S2	*First Year.*	S1	S2
Latin,	5	5	Latin,	5	5
English,	5	5	English,	5	5
History,	5		History,	5	
Algebra,		5	Algebra,		5
Bible,	1	1	Bible,	1	1
Second Year.	S1	S2	*Second Year.*	S1	S2
Latin,	5	5	Latin,	5	5
Algebra,	5	5	Algebra,	5	5
English,	4	4	English,	4	4
History,	4	4	History,	4	4
Bible,	1	1	Bible,	1	1
Third Year.	S1	S2	*Third Year.*	S1	S2
Latin,	5	5	Latin, French or German,	5	5
Greek,	5	5	English,	5	3
Geometry,	5	5	Geometry,	5	5
Mechanical Drawing,	3		Mechanical Drawing,	3	
Speaking,		2	Astronomy,		5
Bible,	1	1	Bible,	1	1
Fourth Year.	S1	S2	*Fourth Year.*	S1	S2
Latin,	5	5	Latin or English,	5	
Greek,	5	5	Botany,		5
Rhetoric,	3	3	French or German,	5	5
Physics,	5	5	Rhetoric,	3	3
Bible,	1	1	Physics,	5	5
			Bible,	1	1

Note.—Spelling will be required when necessary.

In order that the work of the Academy may be seen more in detail, the following statement is added to the outline given above:

LATIN AND GREEK. The first year's work in Latin and Greek includes a thorough mastery of the forms and simpler constructions. The remaining time is devoted to reading four books of Caesar, six orations of Cicero, six books of Vergil's *Aeneid* or the equivalent, and four books of Xenophon's *Anabasis*, accompanied by more advanced work in Grammar and Prose Composition. During the last two terms of the course special attention is given to Greek and Roman Literature.

Text-books: Collar & Daniell: *First Year Latin;* Allen & Greenough: *Latin Grammar;* Kelsey: *Caesar and Cicero;* any good edition of Vergil; Allen & Greenough: *Ovid;* Goodwin: *Greek Grammar;* White: *First Greek Book;* Botta: *Handbook of Universal Literature*: Bullfinch: *Age of Fable;* D'Ooge: *Latin Prose Composition;* Pearson: *Greek Prose Composition.*

MODERN LANGUAGES—

FRENCH. First year. Elementary Academic. Prerequisite, four semesters of Latin. *Elements of Grammar* (Thieme and Effinger has been used). Composition. *Five credits through the year.*

Second year. Elementary Academic. Prerequisite, first year French. Syntax drill. Reading of scientific prose. Study of French representative authors. Composition. Conversation. *Four credits through the year.*

GERMAN. First year. Elementary Academic. Prerequisite, two years of Latin. German grammar. Reader. Composition. *Five credits through the year.*

Second year. Elementary Academic. Prerequisite, first year German. German syntax. Scientific German. Modern German novels and plays. *Five credits through the year.*

MATHEMATICS—

Plane and Solid Geometry extend through the third year. Considerable work is done in original propositions and problems, the amount depending somewhat upon the capability of the class.

Text-books: Milne's *Elementary Algebra*, and Wentworth's *Plane and Solid Geometry.*

MECHANICAL DRAWING. This course is designed to teach the use of drawing instruments and includes the construction of mechanical drawings and sketches of machines. Courses in more advanced work may be offered later.

ENGLISH. The purpose of the work in English, which covers the four years of the Academy course, is primarily to train the student to express himself correctly and accurately in both oral and written speech forms. It also seeks to create a taste for the best literature and to develop the imagination, which is too often dwarfed by wholly analytical methods. The classics studied and read are selected in accordance with the regular college entrance requirements.

Third year: (1) Exposition; a detailed study of the various phases of explanation, including the outline, the summary, criticism, appreciation, etc.; (2) Speaking: Lyrics and short stories spoken before the class; (3) Weekly Themes; (4) *a.* Classics for study: Webster's *First Bunker Hill Oration*, Palgrave's *Golden Treasury*, *Macbeth*, *Julius Caesar; b.* for reading: *Lorna Doone*, *The House of Seven Gables. Five credits, first semester; three, second semester.*

Fourth year: (1) Principles of Rhetoric; (2) Formal essays, argumentation; (3) Vocal Expression; problems in expression, followed by longer selections; (4) *a.* Classics for study: Milton's *L'Allegro* and *Il Penseroso*, *Comus* and *Lycidas*, Burke's *Speech on Conciliation*, Carlye's *Essay on Burns; b.* for reading: *The Oregon Trail*, *Henry Esmond;* (5) One public declamation before the Academy during the year. *Three credits through the year.*

Text-books used in English:

Third year; *Manual of Composition and Rhetoric*, Gardiner, Kittredge and Arnold.

Fourth year: *Composition and Rhetoric*, Espenshade; *The Working Principles of Rhetoric*, Genung.

PHYSICS. A practical laboratory course, illustrating the elementary principles. Text-book: Millikan and Gale. Fee, $2.00. *Five credits through the fourth year.*

ASTRONOMY. Elementary course. Text-book; Moulton's *Astronomy. Five credits, first semester.*

BOTANY. Elementary course. Recitations, two hours; laboratory, six hours. Text-book, Bergen and Caldwell; *Practical Botany.* Laboratory fee, $2.00. *Five credits, second semester.*

BOOKKEEPING is taught as a special study. It is given to meet the wants of pupils who need this study, and at the same time wish a more thorough general education than can be secured at a business college.

Text-book: Williams & Rogers: *Office Routine and Bookkeeping.*

SHORTHAND AND TYPEWRITING. A year's training in Shorthand and Typewriting, under an experienced instructor, together with Bookkeeping, Grammar, Arithmetic, Spelling and Penmanship provide a practical business course for those who do not care for a more extended stay at a business college. Students who wish to make business training their chief aim may thus serve their purpose and at the same time enjoy the privileges and benefits of attendance at the University. Those who wish the business branches may also elect studies in the College or Academy courses, and one or more of the business subjects may be taken, upon payment of the special fee by those pursuing a regular course.

The tuition for either Stenography or Typewriting is $7.50 per semester. If Stenography, Typewriting and Bookkeeping are taken together, the tuition is $16.00 per semester, including the use of the machine. The tuition for any two of these branches is $11.00 per semester.

BIBLE STUDY—

Third year. THE GOSPEL OF LUKE. *One credit through the year.*

Fourth year. THE GOSPEL OF MATTHEW. *One credit through the year.*

PRIZES. On "Academy Day," at Commencement, a prize declamation contest is held among six members of the Fourth Year Class, for which two gold medals are awarded.

A scholarship is also awarded to the member of the Fourth Year Class attaining the highest standing in scholarship during the last two years of the Academy course.

In June, 1912, the medals for declamation were awarded to Ruth Forbes Brown and Charles Lachlan McNeill. The prize for scholarship was awarded to Ethel Maude English.

CONSERVATORY OF MUSIC

PROFESSOR CHAPMAN, DIRECTOR

The Conservatoryof Music, as one of the departments of the University, is under the same general management as the other departments and under the special direction of Professor F. T. Chapman, who, with assistant teachers, offers courses in Vocal, Piano, Organ and Violin; also courses in Harmony, Theory, History of Music, Ensemble and Choral Work.

The faculty comprises teachers who are specialists in their several departments and who have had exceptional advantages of study, they themselves having been successful and private pupils of some of the greatest teachers and artists, both in America and Europe.

The aim of the Conservatory is to give the best and most comprehensive instruction with the smallest possible expense to the student.

FREE PRIVILEGES. All the recitals by the pupils, the ensemble work, where the pupil is sufficiently prepared, and the choral work are free to pupils, a mere nominal fee for sheet music attaching to the latter. The educational value of the free recitals at Pacific University is very great to the music student. During the past year a large amount of the classic literature for the piano and violin has been presented in the recitals. These works embraced many master works never given in the Northwest before. Students in music desiring to become professional players, teachers or accompanists, are given every assistance possible, both in their study and also in their professional careers when their musical course is finished. This department of the Conservatory is for the training and development of artists. What measure of success has attended the efforts of the Conservatory is attested by those who have heard the more advanced pupils in individual recitals and seen the quality of work presented by those students. But in the belief that music is an important part of the education due every student who desires a broad education, and who wants culture and cultivation in general, the Conservatory also offers

HERRICK HALL

Library
of the
University of Illinois

courses not so strenuous, and of only sufficient work to enable the student successfully to accomplish other college or academic work each semester. Students receive, free, the benefit of appearing on recital programs several times a year when sufficiently advanced.

The growing demand for music directors in the public schools gives a new importance to voice training.

ORCHESTRA. The College Orchestra, which has been doing faithful work for several years, has in the past year shown a marked advance in every way. It has advanced artistically and technically to a degree quite unusual in a college organization. The numbers given by the orchestra on many programmes in the past year have been popular features of recitals and concerts.

A cordial invitation is extended to all students who are able to play upon orchestral instruments, particularly the violin, cello, the flute, trombone, viola, oboe and clarinet, to become members of the orchestra.

GLEE CLUB. A Glee Club, as in former years, after giving a home concert in Marsh Hall, made a trip at the Christmas holidays in the cities of Western Oregon and Washington. The Glee Club of the past year carried a male quartette, ladies' quartette, soprano, violin, baritone, tenor and piano soloists, a reader and an orchestra of eleven pieces. The Glee Club is an annual feature of P. U. College life and was recognized as a superior organization at home and abroad. Every student who is qualified is eligible for membership in the Glee Club.

ARTISTS' COURSE. No less important than lessons is the hearing of great artists. The Director expects to present a course of recitals and lectures by foreign and home artists, which will be educational and comprehensive.

ADVANTAGES. Music students who have paid the library fee have access to the library of the University, which is fully adequate, musically, for research and study.

The Director will hear the pupils of the first assistant teachers in the presence of the teachers at least once each semester. He will hear the pupils of the second assistant teachers several times each semester. No superficial work will be tolerated in teachers or pupils, and the best artistic results possible will be required by the Director in all departments.

DIPLOMAS. Diplomas are awarded by the Trustees of the University to students who have satisfactorily completed the course in piano, violin and voice. Graduate work is also offered graduate and professional students and teachers. The course is planned for from one to three years, according to the individual requirements of the student.

Candidates for graduation must have completed a course of academic study equivalent to that of Tualatin Academy.

BRANCH STUDIO.

The Conservatory has made arrangements to open a branch studio in Hillsboro, Oregon, for the convenience of students who may desire to have the benefits of Conservatory work but are unable to come to the University each week for their lessons. Instruction will be given in piano, voice and violin, in case the demand is sufficient to warrant the formation of classes in these lines of work.

Students in the Branch Studio will have the same careful supervision as the College Conservatory students. They will also enjoy the same privileges in recital work, ensemble, chorus and orchestra, harmony, history of music, etc., as students residing at the University.

This extension movement of the Music Department is in the nature of an experiment. It is confidently expected, however, that it will prove mutually so beneficial to students in Hillsboro and the University Conservatory that it will become a permanent feature of the department.

THEORY OF MUSIC.

The work may be outlined as follows:

NOTATION. The Theory of Rhythm and Tonality. Principles of simple chord construction.

HARMONY. Richter's Principles of Four-Part Composition; modulations and harmonic accompaniments to selected and original melodies.

COUNTERPOINT. Exercises in adding one, two, three or four voices in simple counterpoint to an original cantus firmus.

Strict and Free Counterpoint, two or four parts—Imitation, Canon, Fugue, Composition.

HISTORY.

It is the aim in this course to study the outlines of musical progress from the time of the most ancient civilization to the present.

The History of Music Society has been formed under the auspices of the Director and music teachers. All the more advanced students are eligible. The meetings are held twice each month. The purpose of the organization is to cover as adequately as possible the more important facts of musical history, as well as to do some work in analysis. The work includes, besides the rendering of musical selections, research and the presentation of original papers. The intention is not to allow superficial attempts, but to plan the most comprehensive course. The well selected and rare books in the library offer ample opportunity for original investigation. Members of the club who have not studied Harmony are expected to take that course in the Conservatory. No fees attach to the joining of the Society, except the library fee of $1.50.

REQUIREMENTS.

Although not compulsory, it is advisable that pupils in all departments take two lessons per week.

No lesson missed by the pupils can be made up.

No pupils are received for less than an entire semester, or such portion *of it as remains after entrance.*

Tuition for the term must be paid in advance, and no deduction will be made for absence unless by special arrangement.

Pupils of the Conservatory are not eligible to appear in any public performance without the consent of both the teacher and the Director.

Music students taking two lessons a week in voice culture, piano, or violin study will be permitted to take one subject in Academy or College without other charge than the incidental fee.

Each student is required to exhibit to his various instructors, during the first week of each term, the Treasurer's receipt for his term bills, or a certificate showing that satisfactory adjustment of them has been made.

Pupils may select their teachers, providing the teacher's time is not full.

It is estimated that the average necessary expenses for a college year range from a minimum of $225 to a maximum of $500 for the music student.

For further information, address the Director of Pacific University Conservatory after June 19, 1913.

FRANK THOMAS CHAPMAN,
524 Elizabeth St., Portland, Oregon.
Portland Heights, Portland, Oregon.

COURSES OF STUDY

THE PIANO-FORTE.

PREPARATORY.

Kohler's Method.

Arpeggios, Scales, Selected Czerny Studies, Heller's Etudes, Kuhner Etudes, Bach, Sonatinas by Clementi, Kuhlau, Sonatas by Haydn, Mozart. Easy pieces.

ACADEMIC.

Etudes, Czerny; Heller op. 46 and 47; Cramer, Studies; School of Octave Playing, C. H. Doring; Kuhner Etudes; Octave Studies, Low; Cramer, Etudes; Studies, Taussig; Sonatas Beethoven; Concert Works, Mendelssohn, Schumann; Well-tempered Clavichord, Bach; Concert Works, Chopin, Grieg, Rubinstein, St. Saens, MacDowell, etc.

COLLEGIATE.

Etudes, Op. 10 and 25, Chopin; Octave Studies, Czerny; Doring, Octave Studies; Octave Studies by Kullak; Studies in Double Thirds, Taussig. Gradus Ad Parnassum, Clementi; 24, Studies, Moscheles. School Advanced Piano Playing by Rafael Joseffy; Concertos and Concert Works, Chopin, Schumann, Beethoven, Liszt, Rubinstein, St. Saens, Schutt, Grieg, etc.

VIOLIN.

PREPARATORY.

David or Hermann's Violin Method.

Daily Exercises, Schradieck; Etudes, Kayser, Mazas. Easy pieces by Dancia, J. Weiss, Papin, Hauser, etc.

ACADEMIC.

David's Method, second part.

Etudes, Kreutzer; Daily Exercises, Schradieck; Studies in Thirds, Sixths, Octaves; Etudes; Fiorillo; Concertos; Concert pieces by DeBeriot, Kreutzer, Rode, Alard, Vieuxtemps, Wieniawski, etc.

COLLEGIATE.

Caprices, Rode; Studies, Paganini; Sonatas, Concertos and Concert Pieces by Paganini, Mendelssohn, Beethoven, Bach, Sophr, Bazzini, Wieniawski, Sarasate, etc.

VOICE CULTURE.

In this department special attention is given to a natural and skilful management of the breath, and the correct position of the vocal organs in the production of clear, full, resonant tones.

Flexibility and the art of phrasing are developed through the practice of scale and arpeggio passages and solfeggi. A refined musical taste is developed by the study of the best songs, ancient and modern; Ballads, Thoroughly Composed German Songs and selections from Oratorio and Opera.

PREPARATORY.

Voice development, principles of breathing.

Voice placing, sight singing (if necessary).

Exercises by Abt, Sieber, Lamperti, English songs.

First year of Piano-forte course (a) (b).

ACADEMIC.

Vocalises by Vaccai, Marchesi, Lamperti, Concone, Italian pronunciation, Italian and English songs.

Harmony: Two semesters. Chorus class, and the Arias in the Cantatas studied by the chorus class.

COLLEGIATE.

Advanced vocalises.

Italian, English, French and German songs.

Concert, Oratorio, and Arias from the Italian, German and French Opera.

TUITION—TWO TERMS PER YEAR

TUITION—TWO TERMS PER YEAR.

Terms, 18 Weeks Each.

Lessons with Prof. F. T. Chapman, private lessons—	
2 per week (one-half hour each) at $2 approximately)	$ 75.00
1 per week (one-half hour each) at $2.00	37.50
Class lessons—	
2 per week (four in a class), each	37.50
1 per week (four in a class), each	20.00
Madam Pauline Miller-Chapman, private lessons—	
2 per week (one-half hour each) at $3.00	108.00
1 per week (one-half hour each) at $3.00	54.00
Class lessons—	
2 per week (four in class), each	42.50
1 per week (four in class), each	22.50
Private Lessons, Piano, Organ and Voice—First Assistant—	
2 per week (one-half hour each)	22.50
1 per week (one-half hour each)	12.00
Lessons with Second Assistant—Private Lessons. Piano and Organ and Voice.	
2 per week (one-half hour each)	17.00
1 per week (one-half hour each)	9.00
Harmony (per term in class)	10.00

Rent of Piano, per month (1 hour per day)	$0.50 to $0.75
Rent of Piano, per month (2 hours per day)	1.00 to 1.25
Rent of Piano, per month (3 hours per day)	1.50 to 1.75

Pupils may make special arrangements with the Director for hours of piano practice.

The Conservatory will also have branch studios in Portland. For the sake of uniformity, the prices of private lessons are printed above, as they will be in Portland. Owing, however, to the assistance given the Conservatory at Pacific University by the College, a discrimination will be made, allowing a difference of 10 per cent discount on private lessons taken of Professor or Mrs. Chapman at Pacific University Conservatory. This does not apply to their class lessons nor to the private lessons from assistant teachers.

The Conservatory has at present no scholarship funds with which to aid worthy and talented music students. But it is disposed to assist such students to secure an adequate musical training. It has methods and plans of its own along this line, and no ambitious students having unmistakable talents in music need feel that he is debarred from securing a musical education at Pacific University Conservatory on account of financial difficulty.

COLLEGE STUDENTS.

1912-1913.

GRADUATE STUDENTS.

Baker, Dora Esther, Pacific University, A. B., 1911 ..... Forest Grove

Bean, Mrs. Florence Marshall, University of Iowa, A. B., 1906 ..... Forest Grove

Bunday, Maude Belle, Pacific University, A. B., 1912 ..... Forest Grove

Harrington, William Grueby, Boston University, LL. B., 1902 ..... Forest Grove

SENIORS.

Austin, Levi Fulham	Forest Grove
Bishop, Helen Cornelia	Forest Grove
Gaylord, Ruth Eleanor	Centralia, Wash.
Leonard, Thomas William	Portland
Livingston, William Kenneth	Forest Grove
Rice, Clarence Edwin	Gentry, Ark.
Shaver, Homer Tipton	Portland
Whealdon, Jerrine	The Dalles

JUNIORS.

Berreman, George Curtis	Philomath
Bishop, John Egbert	Forest Grove
House, Earl Lafayette	Forest Grove
Leonard, Elizabeth	Portland
Schmidtke, Fred Ewald	Forest Grove
Taylor, Ada Frances	Forest Grove
Taylor, Howard Rice	Forest Grove
Thomas, Grace Margaret	Forest Grove

SOPHOMORES.

Benjamin, Harold Raymond Wayne	Forest Grove
Berglund, Fanny	Astoria
Boldrick, Mary Helen	Forest Grove
Cady, Ruth Hills	Beaverton
Carlyle, Ava Sarah	Forest Grove
Carlyle, Elizabeth	Forest Grove
Davies, Hazel Mary	Astoria
Harbison, Hester Elizabeth	Hillsboro
Horsch, Jennie Emma	Long Beach, Cal.
Kessi, Georgiana	Harlan
Macrum, Rita	Forest Grove
Olson, Zenas Austin	Sherwood
Ostrander, Clinton Edgar	Salem
Roe, Kate Ethel	Gaston
Shaffer, Evia	Forest Grove
Tamiesie, Lura Babette	Hillsboro
Thomas, Ruth Hale	Forest Grove
Vermilyea, Minerva Belle	Forest Grove

FRESHMEN.

Austin, Jay Richard	Forest Grove
Axelson, Oscar Alfred	Lewiston, Idaho
Barnett, Ira Frederick	Wasco
Briggs, Elizabeth Marguerite	Dilley
Brown, Ruth Forbes	Heppner
Burlingham, Vernon Ernest	Forest Grove
Dibble, Edwy Olds	Troutdale
Donaldson, Ivan	Tillamook
English, Ethel Maude	Forest Grove
Fowler, Frederick Charles	Minneapolis, Minn.
Geiger, Constance Louise	Forest Grove
Grathwell, Samuel Winifred	Cincinnati, O.
Hamilton, William D.	LaGrande
Hope, Norma Emeline	Vale
McNeill, Charles Lachlan	Forest Grove
Nourse, David Elmer	Newport, Wash.
Patten, Alva Philip	Portland
Purington, Helen Hortense	Burns
Rasmusen, George Maurice	Forest Grove

Rasmusen, James Robert	Forest Grove
Reed, Edna Ruth	Doty, Wash.
Thomas, Mildred Lucy	Forest Grove
Troutman, Albert Ernest	Forest Grove
Tupper, Warren Ernest	Cameron, Idaho
Turner, Katharine Savage	Portland
Walker, Elcy Nova	Forest Grove
Wright, Mark Foss	Forest Grove

UNCLASSIFIED.

Engelsen, Alice V.	Washougal, Wash.
Forbis, John Franklin	Dilley
Forbis, Marjorie Eliot	Dilley
Gore, Dennis Augustus	Forest Grove
House, Liola Mary	Forest Grove
Lowell, Margaret	Pendleton
Minkler, Norma	Ashland
Stalley, Edith Mary	Forest Grove
Philip, Jeanetta B.	Forest Grove

ACADEMY STUDENTS.

1912-1913.

FOURTH YEAR.

Acker, Freda Margaret	Washougal, Wash.
Agnew, Sarah Ellen	Portland
Cotton, Helen Gertrude	Forest Grove
Frost, Reuben Willard	Forest Grove
Haines, Ruth Josephine	Forest Grove
Hope, Elizabeth	Vale
Jones, Margaret Burton	Forest Grove
Livingston, Edward Meakin	Forest Grove
Loynes, Carrie Elida	Forest Grove
Reeher, Max Moore	Wilson
Rogers, Harold Parmalee	Forest Grove
Winchell, Edith J.	Hood River

THIRD YEAR.

Bellinger, John Converse	Forest Grove
Briggs, Wilford Myron	Dilley
Colwell, Vera Robin	Paha, Wash.
Copeland, Mildred Frances	Astoria
Goodman, Byron Matthew	Forest Grove
Frost, Nelson Amasa	Forest Grove
Ingram, Janet Graham	Cathlamet, Wash.
Moroney, Lester	Rockaway
Snipes, Anna Jeannette	The Dalles
Taylor, Elbert John	Forest Grove

SECOND YEAR.

Abraham, Gaylord Bryan	Forest Grove
Berthold, Lydia Emily	Cornelius
Case, Robert Charles	Banks
Forbis, Robert	Dilley

Frost, Ruth Josephine	Forest Grove
Haines, Grace Elizabeth	Forest Grove
Marsh, Margaret Ethel	Forest Grove
Richardson, Lucy Kent	Denver, Colo.
Shelley, Ellen Kathleen	Hood River

UNCLASSIFIED.

Killen, Helen Elizabeth	Hillsboro
Huson, Jane	Cornelius
Huson, John Whalley	Cornelius
McFeeters, Harold Reed	Forest Grove
Marsh, Agnes Alma	Aurora
Miller, Gail James	Forest Grove
Miller, Jenness Lola	Forest Grove
Richardson, Helen Brewster	Denver, Colo.
Tupper, Emma Beatrice	Hillsboro

CONSERVATORY STUDENTS.

1912-1913.

Acker, Freda Margaret	Washougal, Wash.
Anderson, Helen Lou	Portland
Austin, Ruth Bryan	Forest Grove
Berglund, Fanny	Astoria
Berreman, George Curtis	Philomath
Bettis, Nada	Hillsboro
Bettis, Pearl	Hillsboro
Bishop, Helen Cornelia	Forest Grove
Blatchley, Ethyl	Hillsboro
Boldrick, Mary Helen	Forest Grove
Bowick, Martha	Hillsboro
Bowman, Edith	Portland
Bowman, John	Portland
Brobst, Mary	Wilsonville
Brown, Ruth Forbes	Heppner
Carlyle, Mildred	Forest Grove
Chalmers, Elizabeth Catherine	Cornelius
Chalmers, Esther Emily	Cornelius
Chapman, Anna Catherine	Portland
Chapman, Frank Miller	Portland
Chapman, Harmon Marbold	Portland
Copeland, Mildred Frances	Astoria
Croeni, Mrs. Lydia	Hillsboro
Davis, Mae	Hillsboro
Dibble, Edwy Olds	Troutdale
Englesen, Alice	Washougal, Wash.
Famme, Laura Leone	Yamhill
Ferrin, William Nelson, Jr.	Forest Grove
Forbis, Marjorie Eliot	Forest Grove
Fowler, Frederick Charles	Minneapolis, Minn.
Flynn, Mamie, Mrs.	Portland
Goodin, Estelle	Hillsboro
Gore, Ela Maurene	Forest Grove

Gore, Lucy Lawton	Forest Grove
Graham, Leone Mildred	Forest Grove
Grathwell, Samuel Winifred	Cincinnati, Ohio
Haid, Usona	Orenco
Haines, Grace Elizabeth	Forest Grove
Haines, Ruth Josephine	Forest Grove
Harbison, Blanche Irene	Hillsboro
Holt, Edith	Gaston
Hope, Elizabeth	Vale
Hosford, Cora Madaline	Portland
House, Liola Mary	Forest Grove
Ingram, Janet Graham	Cathlamet, Wash.
Johanson, Ellen	Hillsboro
Johnson, Agnes Christina	Carlton
Jones, Margaret Burton	Forest Grove
Kessi, Georgiana	Harlan
Killen, Helen Elizabeth	Hillsboro
Kirry, Zola Margaret	Forest Grove
Kuntz, Frieda	Hillsboro
Lathrcp, Elsie	Forest Grove
Leonard Elizabeth	Portland
Littlehales, Winifred Anne	Forest Grove
Littler, Florence Elizabeth	Forest Grove
Lowell, Margaret	Pendleton
Loynes, Carrie Elida	Forest Grove
Lund, Alice May	Hillsboro
Lyons, Rhoda	Forest Grove
Mahon, Frances	Hillsboro
Mangold, Wynifred Charline Bruce	Forest Grove
McDonald, Lester	Hillsboro
McEldowney, Helen Russell	Forest Grove
McLeod, Mrs. Duncan	Forest Grove
McNeill, Charles Lachlan	Forest Grove
Messinger, Minnie	Hillsboro
Mincemoyer, Helen	Orenco
Minkler, Norma	Ashland
Moore, Reine	Forest Grove
Moroney, Lester	Rockaway
Murphy, Golda Lou	Forest Grove
Nourse, David Elmer	Newport, Wash.
Ostrander, Clinton Edgar	Salem

Parker, Wilda	Hillsboro
Peterson, Goldie Roverta	Forest Grove
Purington, Helen Hortense	Burns
Rasmusen, Maybelle	Forest Grove
Reed, Edna Ruth	Doty, Wash.
Richardson, Helen Brewster	Denver, Colo.
Richardson, Lucy Kent	Denver, Colo.
Roe, Charles Bruce	Forest Grove
Robinson, Mary	Hillsboro
Ruffner, Flossie	Forest Grove
Rushlow, Marie	Hillsboro
Rushlow, Mildred	Hillsboro
Savage, George	Portland
Schmelzer, Hazel	Hillsboro
Scott, Jessie	Forest Grove
Shaver, Homer Tipton	Portland
Shelley, Ellen Kathleen	Hood River
Shipley, Verne	Hillsboro
Shirey, Elsie	Portland
Shute, Rena	Hillsboro
Shute, Tracy	Hillsboro
Slusser, Leah	Portland
Slusser, May	Portland
Snipes, Anna Jeannette	The Dalles
Sorenson, Hobart Lester	Portland
Stewart, Edna	Portland
Swalley, Edith	Hillsboro
Swalley, Ruth	Hillsboro
Taggart, Belle	Hillsboro
Taggart, Mattie	Hillsboro
Tamiesie, Leon	Hillsboro
Tamiesie, Lura Babette	Hillsboro
Taylor, Ada Frances	Forest Grove
Taylor, Francis Emery	Forest Grove
Taylor, Margaret Olive	Forest Grove
Thomas, Mildred Lucy	Forest Grove
Thomas, Ruth Hale	Forest Grove
Thornburgh, Glenn	Forest Grove
Tupper, Emma Beatrice	Hillsboro
Turner, Katharine Savage	Portland
Tyson, Neill	Portland

Upton, Susan Ruth	Forest Grove
Upton, Thomas George	Forest Grove
Vetter, Edna Marie	Hillsboro
Waggoman, Dolores	Hillsboro
Watson, Ruth	Hillsboro
Westaway, Edith	Portland
Wilcox, Helen	Hillsboro
Wilkes, Lena	Hillsboro
Wilkes, Rhea	Hillsboro

SUMMARY OF STUDENTS.

College 74
Academy 40
Conservatory of Music.....124
Deduct number counted more than once..... 40
Total number of different students for the Academic year 1912-1913 198

LIBRARY

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ALUMNI

1863

*Harvey W. Scott, A. M., Editor-in-Chief, Oregonian, Baltimore, Md., 1910

1866

Geo. H. Durham, A. M., Attorney-at-Law Grants Pass
*Myron Eells, A. B., D. D., Congregational Clergyman, Twana, Wash.,
Edward B. Watson, A. M., Attorney-at-Law, 601 Madison Portland

1867

John Q. A. Bowlby, A. M., Attorney-at-Law Astoria
David Raffety, B. S., M. D., Physician, 91½ Grand Ave. Portland
J. Elkanah Walker, A. M., D. D., Missionary A. B. C. F. M. Shaowu, China

1868

Charles C. Hall, A. M., Farmer Portland
*Thomas H. Tongue, A. M., Congressman, Washington, D. C., 1903.

*Deceased.

1869

Harriet Hoover, M. S. (Mrs. Benton Killin), 203 Thirteenth — Portland
*Jacob Hoover, A. M., Banker, Spokane, Wash., 1898
*Raleigh Stott, A. M., Attorney-at-Law, Portland, 1901

1870

Georgiana Brown, M. S. (Mrs. John Q. A. Bowlby) — Astoria
Phoebe I. Clark, M. S. (Mrs. Napoleon Davis) — Aurora, Route 3
Addison A. Lindsley, A. B., Real Estate, 1500 E. Yamhill — Portland
Candace A. Neal, M. S. (Mrs. H. B. Luce) — Eddyville
*Frank L. Stott, A. B., Gaston, 1873

1872

Henry B. Luce, A. B., Homesteader — Eddyville

1873

William R. Bilyeu, B. S., Attorney-at-Law — Albany
Mary Goodell, M. S., (Mrs.———— Burt) — Yoncalla
Sarah I. Lyman, M. S., 289 Halsey — Portland
William D. Lyman, A. M., Prof. History and Literature, Whitman College — Walla Walla, Wash.
*Levi C. Walker, Surveyor, Forest Grove, 1909

1874

Dora Henshaw, M. S. (Mrs. ———— Morgan) — Mohler, Wash.
*Willard H. Latourette, B. S., Baptist Clergyman, McMinnville, 1911
Eugene P. McCornack, A. B., Banker — Salem

Herbert F. McCornack, A. B., M. D. Eugene
Jacob G. Stevenson, B. S., Retired Farmer Eugene

1875

Hattie Martin, B. S. (Mrs. Samuel Vestal) Snohomish, Wash.
S. Belle Putman, M. S. (Mrs. Levi C. Walker), 331 N. Eleventh Lincoln, Neb.

1876

Edward M. Atkinson, A. B., Attorney-at-Law Oregon City
James T. Martin, B. S. (M. D. Univ. of Mich., 1883), Physician..... Sacramento, Cal.
*Yei Nosea, A. M., Principal Seminary Nogano, Japan, Tokio, Japan, 1895
Kin Saito, B. S. (LL. B., Univ. of Mich., 1878), Chief Justice of the Court of Hokkaido Hakodate, Japan
Hatstara Tamura, A. M., Prin. Female Seminary Kyoto, Japan
Ella Watt, M. S. (Mrs. Henry J. Jackson) Woodstock

1877

Tabitha A. Clark, M. S. (Mrs. R. G. Ebert), 130 Parkside Drive Berkeley, Cal.
William K. Curtis, B. S., Farmer Forest Grove
Charles W. Schaff, B. S., M. D., Physician Lewiston, Idaho

1878

Mary A. Creswell, M. S. (Mrs. ——— Simard) Freewater
*Mary S. Eaton, M. S., Oswego, 1882
*Elvia H. Fearnside, M. S., Forest Grove, 1879
Laura M. Hoxter, A. B. (Mrs. John T. Whalley), 470 Flint Portland

DeWitt C. Latourette, A. M., Attorney-at-Law — Oregon City
*Horace S. Lyman, A. M., Superintendent of Schools, Clatsop County, Astoria, 1905
Mary F. Lyman, M. S. (Mrs. Newton McCoy), 654 Hancock — Portland
Ella Scott, A. M. (Mrs. DeWitt C. Latourette) — Oregon City
Milton W. Smith, A. M., Attorney-at-Law, 135 Curry. — Portland

1879

William N. Barrett, B. S., Attorney-at-Law — Hillsboro
Frank M. Beckwith, B. S., Farmer — Mayview, Wash.

1880

Newton McCoy, A. B., Attorney-at-Law, 715 Oregonian Bldg. — Portland

1881

*George W. Coplen, A. B., Latah, Wash., 1898
J. Alfred Watt, A. B. (M. D., Univ. of Mich.), Physician — Hood River
John T. Whalley, A. M., Attorney-at-Law, 615 McKay Bldg. — Portland

1882

Mitchell Gilliam, A. B., Attorney-at-Law, Judge of Superior Court — Seattle, Wash.
Mary V. Keene, M S., Teacher Public School — Albert
Barnett Y. Roe, A. B., Farmer — Gaston

1883

Napoleon Davis, A. M., Farmer — Aurora, Route 3
Anna Jackson, M. S. (Mrs. F. Prosser) — Martinez, Cal.
Adelaide Poppleton, A. B. (Mrs. A. B. Harding), 538 E. 19th N. — Portland

1884

Joseph Beek, A. B., with Povey Bros. Glass Co., Fifth and Flanders — Portland

1885

Marion C. Adams, A. M., Merchant — Stites, Idaho
Margaret J. Macrum, M. S. (Mrs. W. H. Byrd) — Salem
Silas M. Shipley, B. S. (LL. B., Univ. of Oregon), 1888, Attorney-at-Law, 35 Haller Bldg. — Seattle, Wash.

1886

*Laura Marsh, M. S. (Mrs. E. P. Cadwell), Forest Grove, 1901
James R. Marsh, A. M., Farmer — Aurora
J. Wheelock Marsh, A. B., Homesteader — Hood, Wash.

1887

Callie Campbell, M. S. (Mrs. R. K. Montgomery) — Sheridan
J. C. Clark, B. S., Physician — Reno, Nev.
Ethel Gray, M. S. (M. D., Univ. of Oregon, 1899), Physician, 400 13th — Portland
*Mary Gray, M. S., Portland, 1890
William D. Wood, A. B. (M. D., Univ. of Mich., 1890), Physician — Hillsboro
Nellie Woods, M. S. (Mrs. Adams), 910 Grand View — Los Angeles, Cal.

1888

Fred N. Hallett, B. S. — Seattle, Wash.
Frank Hinman, B. S., Farmer — Forest Grove
William P. Marsh, B. S. (A. B., Univ. of Vermont, 1895), with Mason and Hamlin, 492 Boylston Street — Boston, Mass.
*Estella S. Porter, A. B., Forest Grove, 1899
John U. Smith, B. S. (LL. B., Univ. of Oregon, 1890), Farmer — Newberg

1889

Mattie E. Koontz, B. S. (Mrs. John U. Smith) — Newberg
*Sidney E. Marsh, A. B., Journalist Port Townsend, Wash., 1890
Clay McNamer, B. S., Attorney-at-Law — Lewiston, Idaho

1890

Alexander C. Alexander, B. S., Real Estate Agent, 19th and Washington — Portland
Lafayette L. Bush, B. S., Merchant — Bay Center, Wash.
Mary Ellen Lee, M. S., Teacher Public Schools, 824 North G. — Tacoma, Wash.
*William S. Macrum, A. B. (LL. B., Univ. of Oregon, 1897), Teller Merchants' National Bank, Portland, 1912
Gustaf W. Nelson, A. B. (Pac. Theol. Sem. 1893), Cong. Clergyman — St. Johns

1891

William A. Bates, B. S., Bookkeeper — Corvallis
Margaret Hinman, B. L. — Forest Grove
John S. Hodgin, B. S., Attorney-at-Law — La Grande
John A. Lee, A. B. (LL. B., George Washington Univ.), Attorney-at-Law, 823 Spalding Bldg. — Portland
Mary E. Patton, A. B. (Mrs. A. B. Snider), 1231 San Bruno Ave. — San Francisco, Calif.
Asa B. Snider, A. B. (Pac. Theol. Sem., 1895), Cong. Clergyman, Bethlehem Church — San Francisco, Calif.

1892

William A. Bond, B. S., Teacher Public Schools — Chehalis, Wash.
Jesse R. Caples, B. S., Lumber Merchant, 363 Sherlock Bldg. — Portland

Ernest E. Merges, B. L., Pres. Oregon & Washington Realty Co., 1011 Yeon Bldg. — Portland
Edward L. Naylor, B. L. — Forest Grove
Pem Patton, B. S., Farmer — Gaston

1893

E. Austin Bond, A B., 5536 Madison Ave., Chicago, Ill. — Chicago, Ill.
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Horace D. Stewart, A. B., Stockman — Dayville
Loring V. Stewart, A. B. (M. L. and LL. B., Yale), Stockman — Dayville
*Dwight H. Thomas, B. S., Portland, 1907
Edith L. Tongue, B. L. (Mrs. A. E. Reames) — Jacksonville

1894

Thomas H. Adams, A. M., Pres. Vancouver National Bank — Vancouver, Wash.
Austin Craig, A. M., U. S. Dept. of Education, Manila — Manila, P. I.
Fred R. Smith, A. B., Merchant — Sheridan, Wyo.

1895

*Florence McKercher, A. B., Portland, 1898
William S. Shiach, A. B., Inspector City Health Department, Res. 3425 28th Ave. S. — Seattle, Wash.

1896

*Ruel M. Bisbee, B. S., Forest Grove, 1907
Ida M. Eells, A. B., Supervisor of Domestic Arts, Public Schools, 3 N. Benton Ave. — Helena, Mont.

M. Catherine Lansing, A. B. (Mrs. James R. Robertson) — Berea, Ky.
John W. Macrum, B. S., Civil Engineer — Forest Grove
Emma E. Stewart, A. B. (Mrs. Charles E. Bradley) — Mishawaka, Ind.

Edmund Burke Tongue, A. M., Pacific University, District Attorney — Hillsboro

1897

Philip E. Bauer, B. S. (Chicago Theol. Sem.), Parole Officer and Chaplain the Penitentiary — Salem
Charles E. Bradley, M. S., Chemist Rubber Regenerating Co. — Mishawaka, Ind.
Harvey H. Hartley, A. M. (M. D., Univ. of Oregon, 1900), Physician — Goldendale, Wash.

1898

Homer C. Atwell, A. B., Fruit Inspector, Washington County — Forest Grove
Lorena Gleason, B. L. (Mrs. N. R. Norris) — Goldendale, Wash.
Joseph E. Kirkwood, A. B. (Ph. D., Columbia Univ.), Prof. Botany and Forestry, Univ. of Montana — Missoula, Mont.
Frederick L. Marsh, A. B. (D. D. S., North Pacific Dental College), Dentist — Woodburn
John X. Miller, A. M. (Andover Theol. Sem.), Missionary A. B. C. F. M. — Pasumalai, India

1899

Liberta Brown, A. B. (A. M., Columbia Univ., 1903), Mrs. Alfred D. Schock, 6158 Ellis Ave. — Chicago, Ill.
Blanche L. Garrison, B. L. (Mrs. Philip E. Bauer) — Salem

George L. Haskell, B. S., Draftsman, American Bridge Co. — Ambridge, Pa.
May M. Lieser, A. B. (Mrs. Wm. T. Fletcher), 771 E. Davis — Portland
Lois W. Parker, A. B. (Mrs. Frank S. Myers), 515 Hancock — Portland
Horace M. Ramsey, A. B. (A. M., Univ. of California,, Vicar St. Stephen's Pro-Cathedral, Res. 343 13th — Portland
Beulah Warner, A. B. — Medford
Tacy Wilkinson, B. L. (Mrs. H. H. Atkinson), Matron Annie Tracy Riggs Hospital, Mamuret ul Aziz — Mezereh, Turkey

1900

Vincent E. Boardman, B. L., Principal High School — Bisbee, Ariz.
William T. Fletcher, B. S., Principal Couch School — Portland
Lynn Lancefield, B. L., Bookkeeper, First National Bank — McMinnville
Jessie Lancefield, A. B. (Mrs. Hiram E. Wilson), Box 12 — Univ. Park, Colo.
Winifred Marsh (B. L. Smith College, 1903), Mrs. Theodore Whittelsey, 216 E. Third — Mishawaka, Ind.
Ella S. Mason, B. L., Instructor in English, Washington High School, 409 Salmon — Portland
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Thomas H. Tongue, Jr., B. L. (LL. B. Columbian Univ., 1903), Deputy District Attorney — Hillsboro
Jeremiah Walker, B. L., Pres. Walker Bros.' Lumber Co. — Hoquiam, Wash.

Fred Ward Llewellyn, A. M. (Pacific Univ., 1911), Adjutant-General — Seattle, Wash.

1901

Archibald A. Atkinson, A. M. (M. D., Cooper Medical College, 1905), Physician — Dorris, Cal.
Lora F. Butler, B. L. (Mrs. L. F. Conn) — Lakeview
Rose J. Long, B. L. (Mrs. Walter Wood) — Myrtle Creek
Gertrude E. Marsh, B. L. (Mrs. William A. Hall) — Clatskanie
Alfred M. North, B. S., Instructor in History, High School — Riverside, Cal.
Fern F. Stout, A. B. (Mrs. James P. Graham), 292 E. 34th — Portland
Mildred M. Tibbals, A. B. (A. M., Wellesley College, 1905), Instructor in English, Knox College — Galesburg, Ill.
Elda R. Walker, A. M. (Ph. D., Univ. of Nebr., 1907), Assistant Prof. of Botany, Univ. of Nebr. — Lincoln, Nebr.
Leva B. Walker, A. B. (A. M., Univ. of Nebr., 1908), Instructor in Plant Pathology, Univ. of Nebr. — Lincoln, Nebr.

1902

Walter A. Dimick, B. S., Attorney-at-Law — Oregon City
Richard W. Faulkner, B. S., Traveling Agent, Kerr Glass Mfg. Co. — Roseburg
Vesta M. Lewis, A. B. (Mrs. Victor E. Emmel), 4051 Botanical Ave. — St. Louis, Mo.
Abel Meresse, B. S., Editor of The Condon Globe — Condon
*Harold B. Millis, B. S., Graduate Student, University of California; Marshfield, 1910

Harriet E. Scholfield, B. L. (Mrs. Arthur E. Yoder) Cornelius
Arthur E. Yoder, B. S., Instructor in Biology, Washington High School, Portland Res. Cornelius

1903

Mary Bailey, B. L. (Mrs. William D. Clarke), 440 E. 21st Portland
Fred Day, A. B., Chief Claims Adjuster, Southern Pacific R. R., Wells-Fargo Bldg. Portland
Victor E. Emmel, M. S. (Ph. D., Brown Univ., 1906), Assistant Professor in Anatomy, Washington University Medical School St. Louis, Mo.
William G. Hale, B. S. (LL. B., Harvard Univ., 1906, Instructor in Law, University of Illinois Urbana, Ill.
William G. Hare, B. L. (LL. B., Univ. of Mich., 1906), Attorney-at-Law Hillsboro
Frederick E. Vrooman, B. S., Teller Equitable Savings & Loan Association Portland

1904

Mabel E. Hoge, B. L., Librarian, Portland Public Library Portland
Thomas Robinson, A. M. (Princeton Theol. Sem.), Presbyterian Clergyman Cleone
Harriet J. Yoder, B. L. (Mrs. Macdonald T. Potts), care Evening Journal Portland

1905

William A. Hall, A. B., Druggist Clatskanie
Melvin W. Markham, A. B. (D. D. S., N. Pacific Dental College, 1912) Clatskanie

R. Frank Peters, A. B. (LL. B., Univ. of Oregon, 1910), Attorney-at-Law, Chamber of Commerce Bldg. Portland
Lottie S. Peters, A. B., 1348 E. 8th Portland
J. Watson Philbrook, A. B., Principal High School, Cayagan, Misamis Province Mindanao, P. I.
William B. Shively, A. B. (LL. B., Univ. of Oregon, 1908), Yeon Bldg. Portland
Horace E. Thomas, A. B. (City Editor, The Oregonian) Portland
Ethel G. Waters, A. B. (Graduate, Chicago Missionary Training Institute, 1909), Deaconess, 520 1st Ave. N. Seattle, Wash.

1906

Daniel D. Bump, A. B. (LL. B., Univ. of Oregon, 1912), Attorney-at-Law Hillsboro
Livia E. Ferrin, A. B., Instructor in Mathematics, High School Salem
Chester K. Fletcher, A. B., Principal Centennial High School Pueblo, Colo.
Clara I. Irvin, A. B. (Mrs. A. A. Atkinson) Dorris, Calif.
Arthur J. Prideaux, A. B., Principal Woodstock Public School Portland
William B. Rasmusen, A. B., with John A. Whaley & Co., Surety Bonds and General Insurance Seattle, Wash.
Frances T. Sorenson, A. B. (Mrs. Arthur J. Prideaux), 346 E. 52d Portland
Willard H. Wirtz, A. B. (LL. B., Willamette Univ., 1910), Deputy District Attorney Prineville

1907

Sarah P. Boldrick, A. B., Instructor, High School Hillsboro

Wilma Pearl Chandler, A. B., Assistant Supt. Municipal Department Public Safety for Young Women, 407 Merchants Trust Bldg. Portland
Caroline E. Fitch, A. B. (Mrs. Cecil W. Tolson) Seghers
Howard H. Markel, A. B. (M. D., Medical School, Univ. of California, 1912), Physician, 1155 Bush San Francisco, Calif.
Ethel B. Moseley, A. B. (Mrs. William B. Rasmusen), 1307 37th St. S Seattle, Wash.
John W. Peters, A. B., Student Law School, Univ. of Oregon Portland

1908

D. Irwin Aller, A. B. (M. D., Medical School, Univ. of California, 1913), University Hospital San Francisco, Cal.
Herbert H. Arnston, A. B., President Florida College of Commerce Ocala, Fla.
Frances B. Clapp, A. B., Instructor in Piano, Pomona College Claremont, Calif.
Gordon A. Clapp, A. B., Laboratory Assistant in Chemistry, Oberlin College Oberlin, Ohio
Wilhelmina Heidel, A. B. (Graduate Curry School of Expression, 1910), Instructor in Literature and Expression, Synodical College Fulton, Mo.
Robert A. Imlay, A. M. (LL. B., Univ. of Oregon, 1910), Attorney-at-Law, Yeon Bldg. Portland
Samuel B. Lawrence, A. M. (LL. B., Univ. of Washington, 1910), Attorney-at-Law Forest Grove
Claude D. Mason, A. B., Chemist Rubber Regenerating Co. Mishawaka, Ind.
Esther Silverman, A. B. (A. M. Radcliffe College, 1910), Instructor in English, High School Marshfield

1909

Ernest Bratzel, A. B., Evangelical Lutheran Clergyman, 617 N. 7th — Brainerd, Minn.
Helen W. Chandler, A. B., Director of Music, Public Schools — Woodland, Wash.
Jonathan U. Hilts, A. B., Teacher Public Schools — Roy
Martha F. Holmes, A. B. (Mrs. John I. Hess), 407 Henry Bldg. — Portland
Harry P. Humphreys, A. B., Clerk Pacific Gas & Electric Co. — Towle, Calif.
Reginald H. Robinson, A. B., Instructor in Chemistry, U. S. Experiment Station, Oregon Agricultural College — Corvallis
James R. Ward, A. B., Instructor in History, High School — Sprague, Wash.
Virgil Waterman, A. B., Homesteader — Welches
Hermon E. Witham, A. B., Traveling Agent, National Insurance Co., Board of Trade Bldg. — Portland

1910

G. Gordon Brown, A. B., Agricultural Surveyor — Forest Grove
Haskell E. Ferrin, A. B., Assistant Cashier, Forest Grove National Bank — Forest Grove
William E. Gwynn, A. B., Prosecuting Attorney, Lincoln County — Toledo
Jessie M. Hoge, A. B., Instructor High School — Camas, Wash.
C. Franklin Koch, A. B., Divinity Student, Wittenberg Seminary — Springfield, Ohio
Loretta B. Murphy, A. B. — Forest Grove
Alexander C. Robinson, A. B., Instructor in Chemistry, High School — Wilbur, Wash.
Ethella S. Stearns, A. B. (Mrs. Stanley C. E. Smith), Southampton Apartments, 414 10th St. — Portland

Amy G. Thomas, A. B. (Mrs. Charles Sprague), The Barker, 21st and Taylor — Portland

---

Hazel J. Loynes, A. M., Instructor High School — Forest Grove
Wickliffe R. Smith, A. M., Editor Potlatch Star — Cameron, Idaho

1911

Ralph L. Abraham, A. B., Divinity Student, Oberlin College — Oberlin, Ohio
Dora E. Baker, A. B., Instructor in English, Tualatin Academy — Forest Grove
Helen Bollinger, A. B., Instructor in Latin, High School — Hillsboro
Maud Hollinger, A. B., with the J. K. Gill Co. — Portland
Willis E. Jensen, A. B., Surveyor with United Railway Co. — Eugene
Frederic S. Knight, A. B., Teacher in Government School, Bayombong — Nueva Viscaya, P. I.
Augustus A. Wagner, A. B., Instructor in Chemistry, High School — Oregon City
Margaret Whealdon, A. B. — The Dalles
Christine E. Wilson, A. B., Instructor in English, High School — Goldendale, Wash.

James O. Convil, A. M., Engineer, City Park Commission, 1834 E. Yamhill — Portland

1912

Sumner E. Bryant, A. B., Instructor, High School — Kalama, Wash.
Maude B. Bunday, A. B., Graduate Student, Pacific University — Forest Grove
Myrtle M. Bunday, A. B. — Forest Grove
Vernon V. Gould, A. B., School of Horology, Bradley Polytechnical Institute — Peoria, Ill.

Leslie L. Hope, A. B., Bank Cashier — Vale
Olaus J. Murie, A. B., Office of Game Warden, Yeon Bldg. — Portland
D. John Taylor, A. B., Instructor in Manual Training — Cottage Grove
Marion S. Taylor, A. B., Clerk — Forest Grove
Harlan J. Turner, A. B., Business — St. Helens
Charles E. Ward, A. B., Divinity Student, Oberlin College — Oberlin, Ohio

SENIOR HONORS AT COMMENCEMENT, 1912

Vernon V. Gould, political science.
Olaus J. Murie, biology.

CONSERVATORY OF MUSIC.

1899

Diploma in Vocal—
Laura Geiger (Mrs. A. C. Brackenbury) — Salem

1890

Diploma in Vocal—
*Josephine Byrd (Mrs. D. W. Ward), Forest Grove, 1895
Day Smith (Mrs. W. E. Stewart) — Reno, Nev.

1891

Diploma in Piano—
Zula Warren (Mrs. S. T. Linklater) — Hillsboro
Ethel Merryman (Mrs. A. B. Bailey), care Selling Bldg. — Portland

1892

Diploma in Piano—
Nellie Porter (Mrs. C. B. Campbell) — Forest Grove

1904

Diploma in Piano—

Wilma Waggener, Director of Piano, Albany College — Albany

1906

Diploma in Piano—

Irene Cadwell (Mrs. Thomas H. Tongue, Jr.) — Hillsboro

1908

Diploma in Piano—

Frances B. Clapp, A. B., Instructor in Piano, Pomona College — Claremont, Cal.

Alice E. Sewell, Private Studio of Painting — Hillsboro

1910

Diploma in Piano—

Alice Clement, Instructor in Piano, Albany College — Albany

Leah Emma Lieser, Private Studio in Piano — Vancouver, Wash.

1911

Diploma in Piano—

Lillian B. Elder, Teacher of Piano, Private Pupils — Forest Grove

1912

Diploma in Piano—

Perry B. Arant, Private Studio in Piano — Forest Grove

Agnes C. Johnson, Instructor in Piano, Pacific University — Forest Grove

Diploma in Voice—

Goldie R. Peterson, Instructor in Voice, Pacific University — Forest Grove

Leah Slusser, Instructor in Voice, Pacific University — Forest Grove

Diploma in Violin—

Dwinell E. Clapp, Bank Cashier — Washougal, Wash.

Members of the Associate Alumni are requested to report to the Catalogue Committee any changes in occupation or address.

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